

BLASTP 2.2.11 [Jun-05-2005]

Reference:

Altschul, Stephen F., Thomas L. Madden, Alejandro A. Schäffer, Jinghui Zhang, Zheng Zhang, Webb Miller, and David J. Lipman (1997), "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 25:3389-3402.

RID: 1121175828-22381-194065720289.BLASTQ2

Query=

(14 letters)

TKRNTARRP1DVKE *genotype specific*

Database: All non-redundant GenBank CDS

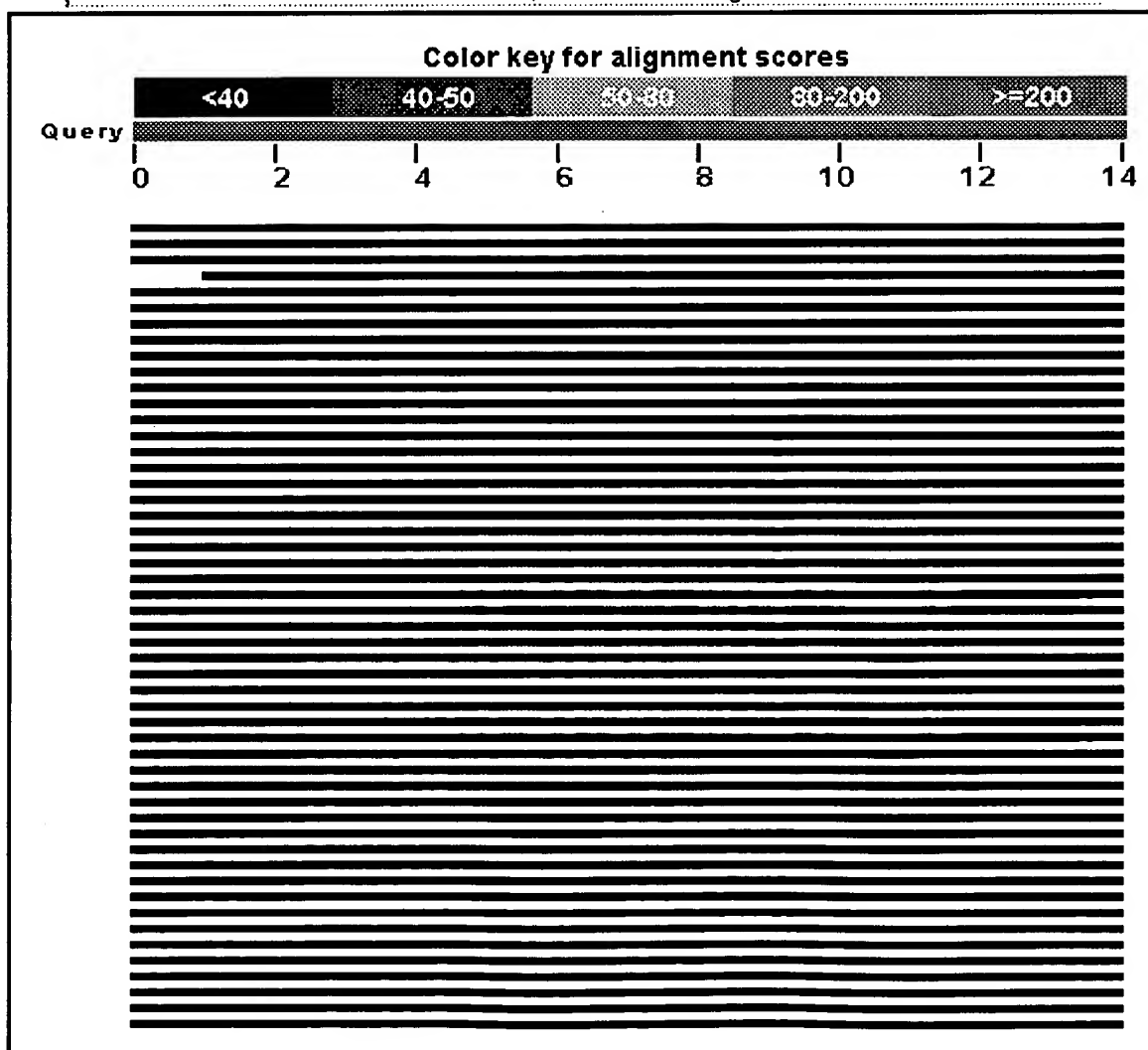
translations+PDB+SwissProt+PIR+PRF excluding environmental samples
2,662,429 sequences; 907,986,452 total letters

If you have any problems or questions with the results of this search please refer to the [BLAST FAQs](#)

[Taxonomy reports](#)

Distribution of 500 Blast Hits on the Query Sequence

Mouse-over to show defline and scores, click to show alignments





Sequences producing significant alignments:			Score (Bits)	E Value
gi 30090044 gb AAP21074.1 	capsid protein [Hepatitis C virus]		33.5	1.0
gi 1066588 gb AAC42178.1 	core protein		33.5	1.0
gi 532381 gb AAA21037.1 	polyprotein		33.5	1.0
gi 625598 pir PQ0805	core protein - hepatitis C virus (fragment		31.6	4.0
gi 266821 sp P29846 POLG HCVTW	Genome polyprotein [Contains: ...		31.2	5.2
gi 221611 dbj BAA14233.1 	unnamed protein product [Hepatitis ...		31.2	5.2
gi 643120 emb CAA58888.1 	orf [Hepatitis C virus] > gi 281308 ...		31.2	5.2
gi 27531320 dbj BAC54272.1 	poly protein [Hepatitis C virus t...		31.2	5.2
gi 21670945 dbj BAC02482.1 	polyprotein [Hepatitis C virus ty...		31.2	5.2
gi 464172 dbj BAA03732.1 	polyprotein [Hepatitis C virus]		31.2	5.2
gi 1372958 gb AAB02127.1 	polyprotein [Hepatitis C virus]		31.2	5.2
gi 23957857 gb AAD44718.2 	polyprotein [Hepatitis C virus]		31.2	5.2
gi 794212 gb AAA65815.1 	precursor protein		31.2	5.2
gi 62132135 gb AA68891.1 	core protein [Hepatitis C virus] >...		31.2	5.2
gi 62132133 gb AA68890.1 	core protein [Hepatitis C virus] >...		31.2	5.2
gi 62132127 gb AA68887.1 	core protein [Hepatitis C virus]		31.2	5.2
gi 62132125 gb AA68886.1 	core protein [Hepatitis C virus]		31.2	5.2
gi 62132121 gb AA68884.1 	core protein [Hepatitis C virus]		31.2	5.2
gi 62132119 gb AA68883.1 	core protein [Hepatitis C virus]		31.2	5.2
gi 62132113 gb AA68880.1 	core protein [Hepatitis C virus]		31.2	5.2
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gi 62132061 gb AA68854.1 	core protein [Hepatitis C virus]		31.2	5.2
gi 62132059 gb AA68853.1 	core protein [Hepatitis C virus]		31.2	5.2
gi 62132051 gb AA68849.1 	core protein [Hepatitis C virus]		31.2	5.2
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gi 443851 emb CAA82582.1 	unnamed protein product [Hepatitis ...		31.2	5.2

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qi 2326455 emb CAA72801.1 	polyprotein [Hepatitis C virus type 6	31.2	5.2
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qi 996022 emb CAA62676.1 	capsid protein [Hepatitis C virus type	31.2	5.2
qi 296160 emb CAA50531.1 	core protein [Hepatitis C virus]	31.2	5.2
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qi 2764398 emb CAA03854.1 	polyprotein [Hepatitis C virus]	31.2	5.2
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qi 973338 qb AAA75047.1 	core protein [Hepatitis C virus]	31.2	5.2
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qi 44885926 dbj BAD11955.1 	polyprotein [Hepatitis C virus type	31.2	5.2
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gi 67482722 qb AAAY68007.1 	core protein [Hepatitis C virus]	31.2	5.2
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gi 913996 qb AAB34375.1 	polyprotein [Hepatitis C virus]	31.2	5.2
gi 263638 qb AAB24942.1 	putative core protein [hepatitis C v...	31.2	5.2
gi 807179 qb AAB31745.1 	polyprotein(E2, NS1, gp35, E1, core ...	31.2	5.2
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[illegible]

[illegible]

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qi 7329207 qb AAF59943.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 7329205 qb AAF59942.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 7329203 qb AAF59941.1 	polyprotein [Hepatitis C virus]	31.2	5.2
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qi 1669626 dbj BAA05983.1 	core protein [Hepatitis C virus]	31.2	5.2
qi 1669648 dbj BAA05982.1 	core protein [Hepatitis C virus]	31.2	5.2
qi 1669646 dbj BAA05981.1 	core protein [Hepatitis C virus]	31.2	5.2
qi 1749762 dbj BAA14035.1 	unnamed protein product [Hepatitis C	31.2	5.2
qi 27544244 dbj BAC54896.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 48479030 qb AAT44836.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 221653 dbj BAA02670.1 	polyprotein [Hepatitis C virus type 2]	31.2	5.2
qi 4433096 dbj BAA21054.1 	unnamed protein product [Hepatitis C	31.2	5.2
qi 4433094 dbj BAA21052.1 	unnamed protein product [Hepatitis C	31.2	5.2
qi 296898 emb CAA50610.1 	nucleocapsid protein [synthetic constr	31.2	5.2
qi 6707284 qb AAF25612.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 6707282 qb AAF25611.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 6707280 qb AAF25610.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918967 qb AAD56199.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918965 qb AAD56198.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918963 qb AAD56197.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918961 qb AAD56196.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918959 qb AAD56195.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918957 qb AAD56194.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918955 qb AAD56193.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918953 qb AAD56192.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918951 qb AAD56191.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918949 qb AAD56190.1 	polyprotein [Hepatitis C virus]	31.2	5.2

qi 5918947 qb AAD56189.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918945 qb AAD56188.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918943 qb AAD56187.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918941 qb AAD56186.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918939 qb AAD56185.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918937 qb AAD56184.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918935 qb AAD56183.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918933 qb AAD56182.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918931 qb AAD56181.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 5918929 qb AAD56180.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 27531310 dbj BAC54267.1 	poly protein [Hepatitis C virus type	31.2	5.2
qi 27531302 dbj BAC54263.1 	poly protein [Hepatitis C virus type	31.2	5.2
qi 27531300 dbj BAC54262.1 	poly protein [Hepatitis C virus type	31.2	5.2
qi 6010580 qb AAF01178.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 9930557 qb AAG02099.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 21670943 dbj BAC02481.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670941 dbj BAC02480.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670939 dbj BAC02479.1 	polyprotein [Hepatitis C virus ty...	31.2	5.2
qi 21670937 dbj BAC02478.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670935 dbj BAC02477.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670933 dbj BAC02476.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670931 dbj BAC02475.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670929 dbj BAC02474.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670925 dbj BAC02472.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670923 dbj BAC02471.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670921 dbj BAC02470.1 	polyprotein [Hepatitis C virus ty...	31.2	5.2
qi 21670917 dbj BAC02468.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670911 dbj BAC02465.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670909 dbj BAC02464.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670905 dbj BAC02462.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670901 dbj BAC02460.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670899 dbj BAC02459.1 	polyprotein [Hepatitis C virus ty...	31.2	5.2
qi 21670897 dbj BAC02458.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670895 dbj BAC02457.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670893 dbj BAC02456.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670891 dbj BAC02455.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670887 dbj BAC02453.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670883 dbj BAC02451.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670881 dbj BAC02450.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670879 dbj BAC02449.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670877 dbj BAC02448.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670875 dbj BAC02447.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670873 dbj BAC02446.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670871 dbj BAC02445.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670867 dbj BAC02443.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670865 dbj BAC02442.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670863 dbj BAC02441.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670859 dbj BAC02439.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670857 dbj BAC02438.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 21670855 dbj BAC02437.1 	polyprotein [Hepatitis C virus type	31.2	5.2
qi 773370 qb AAA65051.1 	core protein	31.2	5.2
qi 400812 sp Q01403 POLG HCVHK	Genome polyprotein [Contains: ...	31.2	5.2
qi 55275810 qb AAV49743.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 55275808 qb AAV49742.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 58429140 qb AAW78019.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 400811 sp Q01404 POLG HCVH4	Genome polyprotein [Contains: ...	31.2	5.2
qi 130467 sp P27961 POLG HCVJ7	Genome polyprotein [Contains: ...	31.2	5.2
qi 130465 sp P27960 POLG HCVJ5	Genome polyprotein [Contains: ...	31.2	5.2
qi 130464 sp P27959 POLG HCVJ2	Genome polyprotein.2.[Contains...	31.2	5.2
qi 130468 sp P26661 POLG HCVJ8	Genome polyprotein [Contains: ...	31.2	5.2
qi 14532251 qb AAK66557.1 	HCV type 1a/1b chimera mutant polypro	31.2	5.2
qi 14532249 qb AAK66556.1 	HCV type 1a/1b chimera polyprotein...	31.2	5.2
qi 5738247 qb AAD50312.1 	polyprotein precursor [Hepatitis C vir	31.2	5.2
qi 8926245 qb AAF81759.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 14161283 qb AAK54689.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 14161281 qb AAK54688.1 	polyprotein [Hepatitis C virus]	31.2	5.2
qi 1066570 qb AAC42169.1 	core protein	31.2	5.2

gi 540827 pir S41353	genome polyprotein - hepatitis C virus ...	31.2	5.2
gi 3098633 gb AAC15722.1 	polyprotein [Hepatitis C virus]	31.2	5.2
gi 2327071 gb AAB67036.1 	polyprotein [Hepatitis C virus strain	31.2	5.2
gi 56342243 dbj BAD73999.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342241 dbj BAD73998.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342239 dbj BAD73997.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342237 dbj BAD73996.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342235 dbj BAD73995.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342233 dbj BAD73994.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342231 dbj BAD73993.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342229 dbj BAD73992.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342227 dbj BAD73991.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342225 dbj BAD73990.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342223 dbj BAD73989.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342221 dbj BAD73988.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342219 dbj BAD73987.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342217 dbj BAD73986.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342215 dbj BAD73985.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342213 dbj BAD73984.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342211 dbj BAD73983.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342209 dbj BAD73982.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342207 dbj BAD73981.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342205 dbj BAD73980.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342203 dbj BAD73979.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342201 dbj BAD73978.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342199 dbj BAD73977.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342197 dbj BAD73976.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342195 dbj BAD73975.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342191 dbj BAD73973.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342189 dbj BAD73972.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342187 dbj BAD73971.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 56342185 dbj BAD73970.1 	polyprotein [Hepatitis C virus type	31.2	5.2
gi 11559469 dbj BAB18814.1 	polyprotein [Hepatitis C virus]	31.2	5.2
gi 11559467 dbj BAB18813.1 	polyprotein [Hepatitis C virus]	31.2	5.2
gi 11559465 dbj BAB18812.1 	polyprotein [Hepatitis C virus]	31.2	5.2
gi 11559463 dbj BAB18811.1 	polyprotein [Hepatitis C virus]	31.2	5.2
gi 11559459 dbj BAB18809.1 	polyprotein [Hepatitis C virus]	31.2	5.2
gi 11559457 dbj BAB18808.1 	polyprotein [Hepatitis C virus]	31.2	5.2
gi 11559455 dbj BAB18807.1 	polyprotein [Hepatitis C virus]	31.2	5.2
gi 11559453 dbj BAB18806.1 	polyprotein [Hepatitis C virus]	31.2	5.2

Alignments

Get selected sequences	Select all	Deselect all
--	----------------------------	------------------------------

> [gi|30090044|gb|AAP21074.1|](#) capsid protein [Hepatitis C virus]
Length=158

Score = 33.5 bits (75), Expect = 1.0
Identities = 14/14 (100%), Positives = 14/14 (100%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10 23

> [gi|1066588|gb|AAC42178.1|](#) core protein
Length=319

Score = 33.5 bits (75), Expect = 1.0
Identities = 14/14 (100%), Positives = 14/14 (100%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 11 24

> gi|532381|qb|AAA21037.1| polyprotein
Length=191

Score = 33.5 bits (75), Expect = 1.0
Identities = 14/14 (100%), Positives = 14/14 (100%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 11 24

> gi|625598|pir||PQ0805 core protein - hepatitis C virus (fragment)
Length=75

Score = 31.6 bits (70), Expect = 4.0
Identities = 13/13 (100%), Positives = 13/13 (100%), Gaps = 0/13 (0%)

Query 2 KRNTNRRPTDVKE 14
Sbjct 1 13

> gi|266821|sp|P29846|POLG HCVTW Genome polyprotein [Contains: Core protein p19 (Capsid C) (p21); Envelope glycoprotein E1 (gp32) (gp35); Envelope glycoprotein E2 (NS1) (gp68) (gp70); p7; Protease NS2-3 (p23); Serine protease/NTPase/helicase NS3 (3.6.1.15) (Hepacivirin) (NS3P) (p70); Nonstructural protein 4A (NS4A) (p8); Nonstructural protein 4B (NS4B) (p27); Nonstructural protein 5A (NS5A) (p56); RNA-directed RNA polymerase (NS5B) (p68)]
Length=3010

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 11Q.... 24

> gi|221611|dbj|BAA14233.1| unnamed protein product [Hepatitis C virus]
gi|130469|sp|P26662|POLG HCVJA Genome polyprotein [Contains: Core protein p19 (Capsid pr C) (p21); Envelope glycoprotein E1 (gp32) (gp35); Envelope glycoprotein E2 (NS1) (gp68) (gp70); p7; Protease NS2-3 (p23); Serine protease/NTPase/helicase NS3 (3.6.1.15) (Hepacivirin) (NS3P) (p70); Nonstructural protein 4A (NS4A) (p8); Nonstructural protein 4B (NS4B) (p27); Nonstructural protein 5A (NS5A) (p56); RNA-directed RNA polymerase (NS5B) (p68)]
Length=3010

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 11Q.... 24

> gi|643120|emb|CAA58888.1| orf [Hepatitis C virus]
gi|281308|pir||JQ1584 genome polyprotein - hepatitis C virus (strain U.K.) (fragment)
Length=640

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 11Q.... 24

> gi|27531320|dbj|BAC54272.1| poly protein [Hepatitis C virus type 1b]

gi 27531318 dbj BAC54271.1 	poly protein [Hepatitis C virus type 1b]
gi 27531314 dbj BAC54269.1 	poly protein [Hepatitis C virus type 1b]
gi 27531308 dbj BAC54266.1 	poly protein [Hepatitis C virus type 1b]
gi 21670915 dbj BAC02467.1 	polyprotein [Hepatitis C virus type 1b]
gi 18148917 dbj BAB83519.1 	core protein [Hepatitis C virus]
gi 18148578 dbj BAB83325.1 	core protein [Hepatitis C virus]
gi 18148576 dbj BAB83324.1 	core protein [Hepatitis C virus]
gi 18148572 dbj BAB83322.1 	core protein [Hepatitis C virus]
gi 18148570 dbj BAB83321.1 	core protein [Hepatitis C virus]
gi 18148568 dbj BAB83320.1 	core protein [Hepatitis C virus]
gi 18148566 dbj BAB83319.1 	core protein [Hepatitis C virus]
gi 18148564 dbj BAB83318.1 	core protein [Hepatitis C virus]
gi 18148562 dbj BAB83317.1 	core protein [Hepatitis C virus]
gi 18148556 dbj BAB83314.1 	core protein [Hepatitis C virus]
gi 18148554 dbj BAB83313.1 	core protein [Hepatitis C virus]
gi 18148552 dbj BAB83312.1 	core protein [Hepatitis C virus]
gi 18148550 dbj BAB83311.1 	core protein [Hepatitis C virus]
gi 18148548 dbj BAB83310.1 	core protein [Hepatitis C virus]
gi 18148546 dbj BAB83309.1 	core protein [Hepatitis C virus]
gi 18148544 dbj BAB83308.1 	core protein [Hepatitis C virus]
gi 18148542 dbj BAB83307.1 	core protein [Hepatitis C virus]
gi 18148540 dbj BAB83306.1 	core protein [Hepatitis C virus]
gi 18148787 dbj BAB83425.1 	core protein [Hepatitis C virus]
gi 18148785 dbj BAB83424.1 	core protein [Hepatitis C virus]
gi 18148783 dbj BAB83423.1 	core protein [Hepatitis C virus]
gi 18148781 dbj BAB83422.1 	core protein [Hepatitis C virus]
gi 18148779 dbj BAB83421.1 	core protein [Hepatitis C virus]
gi 18148777 dbj BAB83420.1 	core protein [Hepatitis C virus]
gi 18148773 dbj BAB83418.1 	core protein [Hepatitis C virus]
gi 18148771 dbj BAB83417.1 	core protein [Hepatitis C virus]
gi 18148769 dbj BAB83416.1 	core protein [Hepatitis C virus]
gi 18148765 dbj BAB83414.1 	core protein [Hepatitis C virus]
gi 18148763 dbj BAB83413.1 	core protein [Hepatitis C virus]
gi 18148761 dbj BAB83412.1 	core protein [Hepatitis C virus]
gi 18148757 dbj BAB83410.1 	core protein [Hepatitis C virus]
gi 18148755 dbj BAB83409.1 	core protein [Hepatitis C virus]

Length=191

Score = 31.2 bits (69), Expect = 5.2

Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
 Sbjct 11Q..... 24

> gi 21670945 dbj BAC02482.1 	polyprotein [Hepatitis C virus type 1b]
gi 18148650 dbj BAB83361.1 	core protein [Hepatitis C virus]
gi 18148630 dbj BAB83351.1 	core protein [Hepatitis C virus]
gi 18148622 dbj BAB83347.1 	core protein [Hepatitis C virus]
gi 18148612 dbj BAB83342.1 	core protein [Hepatitis C virus]
gi 18148606 dbj BAB83339.1 	core protein [Hepatitis C virus]
gi 18148602 dbj BAB83337.1 	core protein [Hepatitis C virus]
gi 18148594 dbj BAB83333.1 	core protein [Hepatitis C virus]
gi 18148592 dbj BAB83332.1 	core protein [Hepatitis C virus]
gi 18148588 dbj BAB83330.1 	core protein [Hepatitis C virus]
gi 18148586 dbj BAB83329.1 	core protein [Hepatitis C virus]
gi 18148580 dbj BAB83326.1 	core protein [Hepatitis C virus]
gi 18148510 dbj BAB83291.1 	core protein [Hepatitis C virus]
gi 18148867 dbj BAB83465.1 	core protein [Hepatitis C virus]
gi 18148859 dbj BAB83461.1 	core protein [Hepatitis C virus]
gi 18148711 dbj BAB83387.1 	core protein [Hepatitis C virus]

Length=191

Score = 31.2 bits (69), Expect = 5.2

Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14

sbjct 11Q.... 24

> gi|464172|dbj|BAA03732.1| polyprotein [Hepatitis C virus]
Length=502

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
sbjct 11Q.... 24

> gi|1372958|gb|AAB02127.1| polyprotein [Hepatitis C virus]
Length=778

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
sbjct 11Q.... 24

> gi|23957857|gb|AAD44718.2| polyprotein [Hepatitis C virus]
Length=3015

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
sbjct 11Q.... 24

> gi|794212|gb|AAA65815.1| precursor protein
Length=319

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
sbjct 11Q.... 24

> gi|62132135|gb|AAX68891.1| core protein [Hepatitis C virus]
gi|62132123|gb|AAX68885.1| core protein [Hepatitis C virus]
gi|62132117|gb|AAX68882.1| core protein [Hepatitis C virus]
gi|62132103|gb|AAX68875.1| core protein [Hepatitis C virus]
gi|62132097|gb|AAX68872.1| core protein [Hepatitis C virus]
gi|62132069|gb|AAX68858.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
sbjct 10Q.... 23

> gi|62132133|gb|AAX68890.1| core protein [Hepatitis C virus]
gi|62132131|gb|AAX68889.1| core protein [Hepatitis C virus]
gi|62132129|gb|AAX68888.1| core protein [Hepatitis C virus]
gi|62132095|gb|AAX68871.1| core protein [Hepatitis C virus]
gi|62132093|gb|AAX68870.1| core protein [Hepatitis C virus]
gi|62132085|gb|AAX68866.1| core protein [Hepatitis C virus]
gi|62132083|gb|AAX68865.1| core protein [Hepatitis C virus]

gi|62132067|gb|AAX68857.1| core protein [Hepatitis C virus]
gi|62132065|gb|AAX68856.1| core protein [Hepatitis C virus]
gi|62132063|gb|AAX68855.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q..... 23

> gi|62132127|gb|AAX68887.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q..... 23

> gi|62132125|gb|AAX68886.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q..... 23

> gi|62132121|gb|AAX68884.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q..... 23

> gi|62132119|gb|AAX68883.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q..... 23

> gi|62132113|gb|AAX68880.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q..... 23

> gi|62132111|gb|AAX68879.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
Sbjct 10Q.... 23

> gi|62132109|gb|AAX68878.1| core protein [Hepatitis C virus]
gi|62132077|gb|AAX68862.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
Sbjct 10Q.... 23

> gi|62132107|gb|AAX68877.1| core protein [Hepatitis C virus]
gi|62132071|gb|AAX68859.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
Sbjct 10Q.... 23

> gi|62132105|gb|AAX68876.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
Sbjct 10Q.... 23

> gi|62132101|gb|AAX68874.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
Sbjct 10Q.... 23

> gi|62132091|gb|AAX68869.1| core protein [Hepatitis C virus]
gi|62132075|gb|AAX68861.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKF 14
Sbjct 10Q.... 23

> gi|62132089|gb|AAX68868.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q.... 23

> gi|62132087|gb|AAX68867.1| core protein [Hepatitis C virus]
gi|62132073|gb|AAX68860.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q.... 23

> gi|62132081|gb|AAX68864.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q.... 23

> gi|62132079|gb|AAX68863.1| core protein [Hepatitis C virus]
gi|62132057|gb|AAX68852.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q.... 23

> gi|62132061|gb|AAX68854.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q.... 23

> gi|62132059|gb|AAX68853.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q.... 23

> gi|62132051|gb|AAX68849.1| core protein [Hepatitis C virus]
Length=129

Score = 31.2 bits (69), Expect = 5.2
Identities = 13/14 (92%), Positives = 13/14 (92%), Gaps = 0/14 (0%)

Query 1 TKRNTNRRPTDVKE 14
Sbjct 10Q.... 23

BLASTP 2.2.11 [Jun-05-2005]

Reference:

Altschul, Stephen F., Thomas L. Madden, Alejandro A. Schäffer, Jinghui Zhang, Zheng Zhang, Webb Miller, and David J. Lipman (1997), "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 25:3389-3402.

RID: 1121178147-19990-122842291980.BLASTQ2

Query=

(15 letters) *KARQPRGRHVAKQPG genotype specific*

Database: All non-redundant GenBank CDS

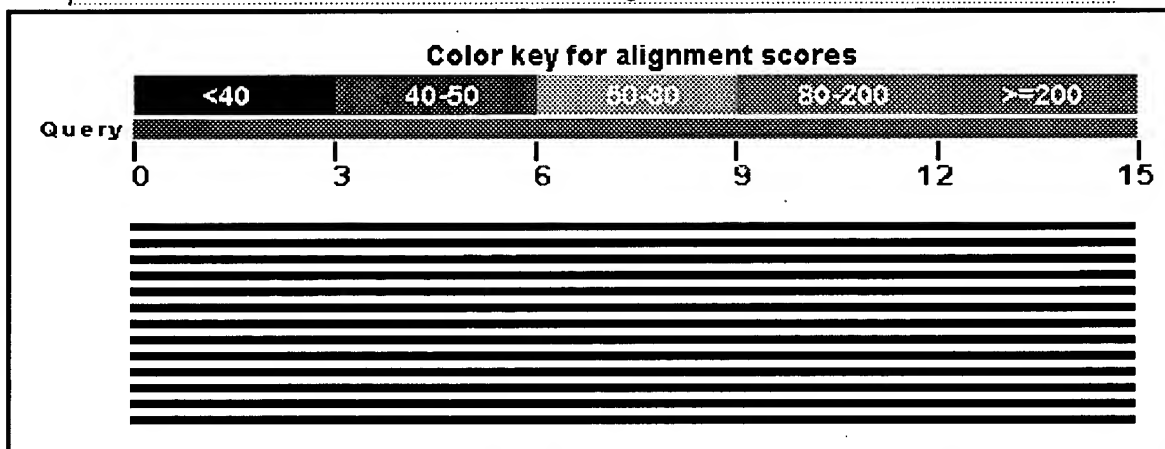
translations+PDB+SwissProt+PIR+PRF excluding environmental samples
2,662,429 sequences; 907,986,452 total letters

If you have any problems or questions with the results of this search please refer to the [BLAST FAQs](#)

Taxonomy reports

Distribution of 13 Blast Hits on the Query Sequence

Mouse over to see the define, click to show alignments



Sequences producing significant alignments:

		Score (Bits)	E Value
qi 2326455 emb CAA72801.1 	polyprotein [Hepatitis C virus type 6	32.0	3.3
qi 44885938 dbj BAD11961.1 	polyprotein [Hepatitis C virus type	32.0	3.3
qi 44885936 dbj BAD11960.1 	polyprotein [Hepatitis C virus ty...	32.0	3.3
qi 56124348 qb AAV75974.1 	core protein [Hepatitis C virus] >...	32.0	3.3
qi 56124344 qb AAV75972.1 	core protein [Hepatitis C virus]	32.0	3.3
qi 56124330 qb AAV75965.1 	core protein [Hepatitis C virus]	32.0	3.3
qi 56124322 qb AAV75961.1 	core protein [Hepatitis C virus]	32.0	3.3
qi 974347 qb AAB40038.1 	core protein [Hepatitis C virus type 6]	32.0	3.3
qi 4433100 dbj BAA21058.1 	unnamed protein product [Hepatitis C	32.0	3.3
qi 4433099 dbj BAA21057.1 	unnamed protein product [Hepatitis C	32.0	3.3
qi 532381 qb AAA21037.1 	polyprotein	32.0	3.3
qi 57791994 qb AAW56714.1 	polyprotein [Hepatitis C virus type 6	32.0	3.3
qi 44885934 dbj BAD11959.1 	polyprotein [Hepatitis C virus type	30.8	7.3

Alignments

Get selected sequences

Select all

Deselect all

> gi|2326455|emb|CAA72801.1| polyprotein [Hepatitis C virus type 6a]
Length=3018

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|44885938|dbj|BAD11961.1| polyprotein [Hepatitis C virus type 6a]
Length=117

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|44885936|dbj|BAD11960.1| polyprotein [Hepatitis C virus type 6a]
gi|44885932|dbj|BAD11958.1| polyprotein [Hepatitis C virus type 6a]
Length=117

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|56124348|gb|AAV75974.1| core protein [Hepatitis C virus]
gi|56124346|gb|AAV75973.1| core protein [Hepatitis C virus]
gi|56124342|gb|AAV75971.1| core protein [Hepatitis C virus]
gi|56124340|gb|AAV75970.1| core protein [Hepatitis C virus]
gi|56124338|gb|AAV75969.1| core protein [Hepatitis C virus]
gi|56124336|gb|AAV75968.1| core protein [Hepatitis C virus]
gi|56124334|gb|AAV75967.1| core protein [Hepatitis C virus]
gi|56124332|gb|AAV75966.1| core protein [Hepatitis C virus]
gi|56124328|gb|AAV75964.1| core protein [Hepatitis C virus]
gi|56124326|gb|AAV75963.1| core protein [Hepatitis C virus]
gi|56124324|gb|AAV75962.1| core protein [Hepatitis C virus]
Length=126

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|56124344|gb|AAV75972.1| core protein [Hepatitis C virus]
Length=126

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|56124330|gb|AAV75965.1| core protein [Hepatitis C virus]
Length=126

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|56124322|gb|AAV75961.1| core protein [Hepatitis C virus]
Length=125

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|974347|gb|AAB40038.1| core protein [Hepatitis C virus type 6]
Length=191

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|4433100|dbj|BAA21058.1| unnamed protein product [Hepatitis C virus]
Length=109

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|4433099|dbj|BAA21057.1| unnamed protein product [Hepatitis C virus]
Length=109

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|532381|gb|AAA21037.1| polyprotein
Length=191

Score = 32.0 bits (71), Expect = 3.3
Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|57791994|gb|AAW56714.1| polyprotein [Hepatitis C virus type 6a]
Length=3019

Score = 32.0 bits (71), Expect = 3.3

Identities = 14/15 (93%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67-.... 80

> gi|44885934|dbj|BAD11959.1| polyprotein [Hepatitis C virus type 6a]
Length=117

Score = 30.8 bits (68), Expect = 7.3
Identities = 13/15 (86%), Positives = 14/15 (93%), Gaps = 1/15 (6%)

Query 1 KARQPQGRHWAPQPG 15
Sbjct 67K...-.... 80

Get selected sequences

Select all

Deselect all

Database: All non-redundant GenBank CDS translations+PDB+SwissProt+PIR+PRF excluding environmental samples

Posted date: Jul 11, 2005 3:29 AM

Number of letters in database: 907986452

Number of sequences in database: 2662429

Lambda K H
0.315 0.134 0.498

Gapped

Lambda K H
0.267 0.0410 0.140

Matrix: BLOSUM62

Gap Penalties: Existence: 11, Extension: 1

Number of Sequences: 2662429

Number of Hits to DB: 8320718

Number of extensions: 86500

Number of successful extensions: 518

Number of sequences better than 10: 5

Number of HSP's better than 10 without gapping: 0

Number of HSP's gapped: 523

Number of HSP's successfully gapped: 5

Number of extra gapped extensions for HSPs above 10: 518

Length of query: 15

Length of database: 907986452

Length adjustment: 0

Effective length of query: 15

Effective length of database: 907986452

Effective search space: 13619796780

Effective search space used: 13619796780

T: 11

A: 40

X1: 16 (7.3 bits)

X2: 38 (14.6 bits)

X3: 64 (24.7 bits)

S1: 41 (20.4 bits)

S2: 67 (30.4 bits)

BLASTP 2.2.11 [Jun-05-2005]

Reference:

Altschul, Stephen F., Thomas L. Madden, Alejandro A. Schäffer, Jinghui Zhang, Zheng Zhang, Webb Miller, and David J. Lipman (1997), "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 25:3389-3402.

RID: 1121178537-28057-130502516779.BLASTQ4

Query=

(18 letters) *LLSPRGSRPHWGPNDPRR* *genotype-specific*

Database: All non-redundant GenBank CDS

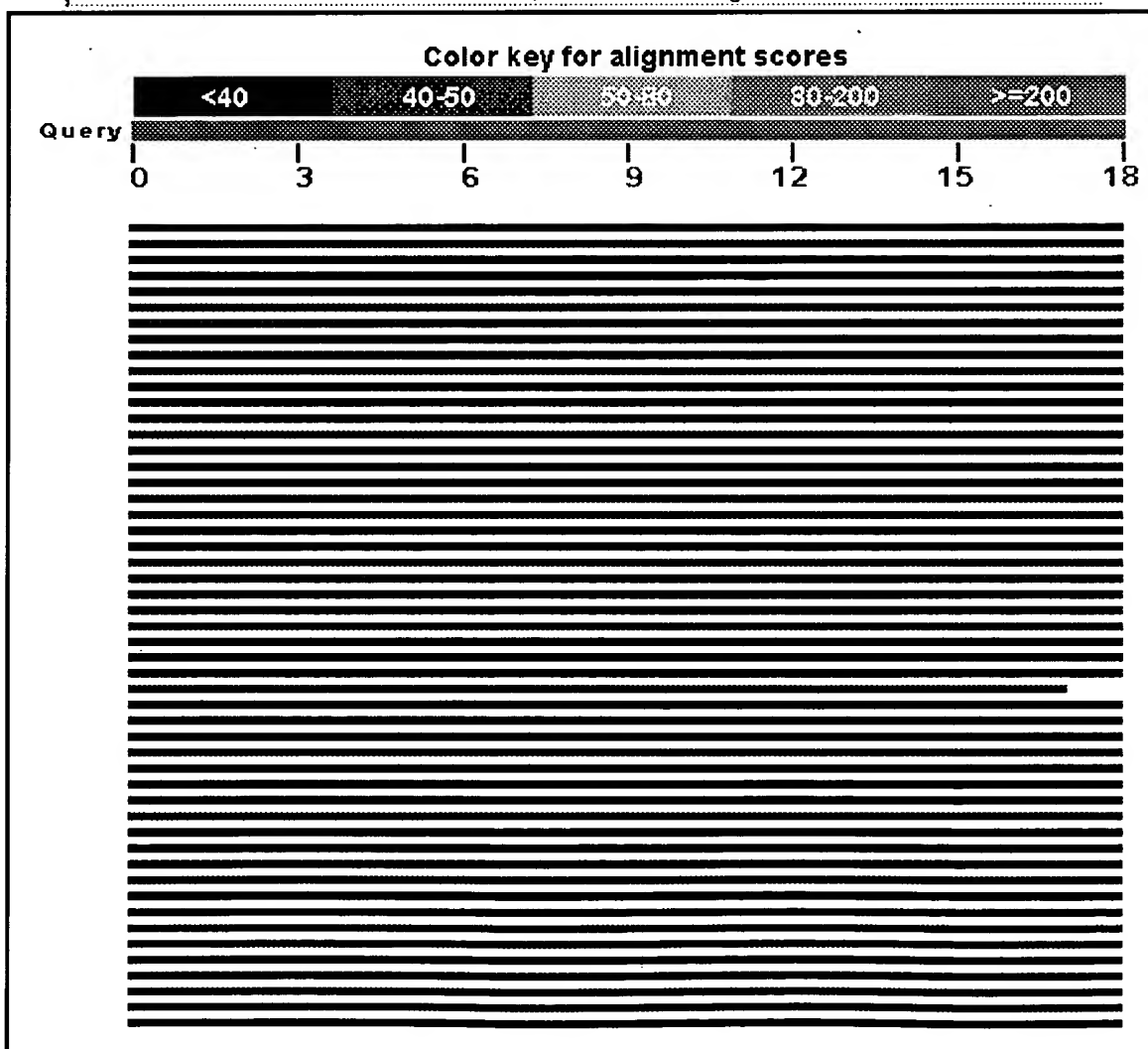
translations+PDB+SwissProt+PIR+PRF excluding environmental samples
2,662,429 sequences; 907,986,452 total letters

If you have any problems or questions with the results of this search please refer to the [BLAST FAQs](#)

[Taxonomy reports](#)

Distribution of 500 Blast Hits on the Query Sequence

Mouse-over to show defline and scores, click to show alignments



Sequences producing significant alignments:

		Score (Bits)	E Value
gi 20146970 qb AAM09915.1 	polyprotein [Hepatitis C virus]	45.8	3e-04
gi 19744446 qb AAL96496.1 	polyprotein [Hepatitis C virus]	45.8	3e-04
gi 2326455 emb CAA72801.1 	polyprotein [Hepatitis C virus type 6]	45.8	3e-04
gi 44885956 dbj BAD11970.1 	polyprotein [Hepatitis C virus type	45.8	3e-04
gi 44885942 dbj BAD11963.1 	polyprotein [Hepatitis C virus type	45.8	3e-04
gi 44885938 dbj BAD11961.1 	polyprotein [Hepatitis C virus type	45.8	3e-04
gi 44885936 dbj BAD11960.1 	polyprotein [Hepatitis C virus ty...	45.8	3e-04
gi 44885934 dbj BAD11959.1 	polyprotein [Hepatitis C virus type	45.8	3e-04
gi 3550761 dbj BAA32665.1 	polyprotein [Hepatitis C virus]	45.8	3e-04
gi 7274367 qb AAF44741.1 	core structural protein [Hepatitis ...	45.8	3e-04
gi 7274365 qb AAF44740.1 	core structural protein [Hepatitis C v	45.8	3e-04
gi 56124348 qb AAV75974.1 	core protein [Hepatitis C virus] >...	45.8	3e-04
gi 56124330 qb AAV75965.1 	core protein [Hepatitis C virus]	45.8	3e-04
gi 56124322 qb AAV75961.1 	core protein [Hepatitis C virus]	45.8	3e-04
gi 1066618 qb AAC42193.1 	core protein	45.8	3e-04
gi 974351 qb AAB40040.1 	core protein [Hepatitis C virus]	45.8	3e-04
gi 974347 qb AAB40038.1 	core protein [Hepatitis C virus type 6]	45.8	3e-04
gi 1009263 dbj BAA07092.1 	core, env and part of E2/NS1 [Hepatit	45.8	3e-04
gi 1009261 dbj BAA07091.1 	core, env and part of E2/NS1 [Hepatit	45.8	3e-04
gi 1009259 dbj BAA07090.1 	core, env and part of E2/NS1 [Hepatit	45.8	3e-04
gi 1009271 dbj BAA07271.1 	core, env and part of E2/NS1 [Hepatit	45.8	3e-04
gi 1765887 dbj BAA13625.1 	core, env and part of E2/NS1 [Hepatit	45.8	3e-04
gi 1765885 dbj BAA13624.1 	core, env and part of E2/NS1 [Hepatit	45.8	3e-04
gi 1765877 dbj BAA13620.1 	core, env and part of E2/NS1 [Hepatit	45.8	3e-04
gi 1765875 dbj BAA13619.1 	core, env and part of E2/NS1 [Hepatit	45.8	3e-04
gi 1765873 dbj BAA13618.1 	core, env and part of E2/NS1 [Hepatit	45.8	3e-04
gi 1765870 dbj BAA13616.1 	core, env, and part of E2/NS1 [Hepatit	45.8	3e-04
gi 532381 qb AAA21037.1 	polyprotein	45.8	3e-04
gi 57791994 qb AAW56714.1 	polyprotein [Hepatitis C virus type 6]	45.8	3e-04
gi 56124344 qb AAV75972.1 	core protein [Hepatitis C virus]	43.9	0.001
gi 793911 qb AAA65788.1 	precursor protein	43.1	0.002
gi 38147542 qb AAR12079.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 37779401 qb AAO86567.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 37779387 qb AAO86560.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 37779351 qb AAO86542.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 20146986 qb AAM09923.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 20146978 qb AAM09919.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 20146974 qb AAM09917.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 20146968 qb AAM09914.1 	polyprotein [Hepatitis C virus] >g...	43.1	0.002
gi 22135572 qb AAM93266.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 22135570 qb AAM93265.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 23268519 qb AAN16416.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 19744444 qb AAL96495.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 19744440 qb AAL96493.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 23328866 qb AAC42195.2 	core protein [Hepatitis C virus]	43.1	0.002
gi 443909 emb CAA82611.1 	unnamed protein product [Hepatitis ...	43.1	0.002
gi 443907 emb CAA82610.1 	unnamed protein product [Hepatitis ...	43.1	0.002
gi 443905 emb CAA82609.1 	unnamed protein product [Hepatitis ...	43.1	0.002
gi 44885954 dbj BAD11969.1 	polyprotein [Hepatitis C virus type	43.1	0.002
gi 44885952 dbj BAD11968.1 	polyprotein [Hepatitis C virus type	43.1	0.002
gi 44885950 dbj BAD11967.1 	polyprotein [Hepatitis C virus type	43.1	0.002
gi 44885948 dbj BAD11966.1 	polyprotein [Hepatitis C virus type	43.1	0.002
gi 44885946 dbj BAD11965.1 	polyprotein [Hepatitis C virus type	43.1	0.002
gi 44885944 dbj BAD11964.1 	polyprotein [Hepatitis C virus type	43.1	0.002
gi 44885940 dbj BAD11962.1 	polyprotein [Hepatitis C virus type	43.1	0.002
gi 44885922 dbj BAD11953.1 	polyprotein [Hepatitis C virus type	43.1	0.002
gi 3550765 dbj BAA32667.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 3550763 dbj BAA32666.1 	polyprotein [Hepatitis C virus]	43.1	0.002

qi 67482738 qb AAV68015.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 62362180 qb AAV81527.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 56124354 qb AAV75977.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 56124352 qb AAV75976.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 56124350 qb AAV75975.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 56124318 qb AAV75959.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 56124130 qb AAV75865.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 3660726 qb AAC61696.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 1066604 qb AAC42186.1 	core protein	43.1	0.002
qi 1724052 qb AAB40071.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 632194 pir PC2219	polypeptide - hepatitis C virus (type 5a)	43.1	0.002
qi 1009269 dbj BAA07095.1 	core, env and part of E2/NS1 [Hepatit	43.1	0.002
qi 1009257 dbj BAA07089.1 	core, env, and part of E2/NS1 [Hepatit	43.1	0.002
qi 1009253 dbj BAA07087.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 1246377 dbj BAA09976.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 1246371 dbj BAA09974.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 601937 dbj BAA06739.1 	core, env and part of E2/NS1 [Hepatiti	43.1	0.002
qi 2605602 dbj BAA23327.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 1765891 dbj BAA13627.1 	core, env and part of E2/NS1 [Hepatit	43.1	0.002
qi 1765889 dbj BAA13626.1 	core, env and part of E2/NS1 [Hepatit	43.1	0.002
qi 1765883 dbj BAA13623.1 	core, env and part of E2/NS1 [Hepatit	43.1	0.002
qi 1765881 dbj BAA13622.1 	core, env and part of E2/NS1 [Hepatit	43.1	0.002
qi 1765879 dbj BAA13621.1 	core, env and part of E2/NS1 [Hepatit	43.1	0.002
qi 600265 dbj BAA13617.1 	core, env and part of E2/NS1 [Hepatiti	43.1	0.002
qi 1765868 dbj BAA13615.1 	core, env and part of E2/NS1 [Hepatit	43.1	0.002
qi 1765866 dbj BAA13614.1 	core, env and part of E2/NS1 [Hepatit	43.1	0.002
qi 532427 qb AAA21060.1 	polyprotein >qi 532423 qb AAA21058.1...	43.1	0.002
qi 532425 qb AAA21059.1 	polyprotein	43.1	0.002
qi 532417 qb AAA21055.1 	polyprotein	43.1	0.002
qi 532415 qb AAA21054.1 	polyprotein	43.1	0.002
qi 532413 qb AAA21053.1 	polyprotein	43.1	0.002
qi 93949 pir S12707	genome polyprotein - hepatitis C virus (...)	42.4	0.003
qi 1183029 dbj BAA04609.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 1183033 dbj BAA09890.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 221584 dbj BAA02007.1 	polyprotein precursor [Hepatitis C ...]	42.4	0.003
qi 443895 emb CAA82604.1 	unnamed protein product [Hepatitis ...]	42.4	0.003
qi 794209 qb AAA65812.1 	precursor protein	42.4	0.003
qi 37779407 qb AAO86570.1 	core protein..[Hepatitis C virus] >...	42.4	0.003
qi 37779393 qb AAO86563.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 37779391 qb AAO86562.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779383 qb AAO86558.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779379 qb AAO86556.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779377 qb AAO86555.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779375 qb AAO86554.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 37779373 qb AAO86553.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779369 qb AAO86551.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779367 qb AAO86550.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779363 qb AAO86548.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779361 qb AAO86547.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779357 qb AAO86545.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779349 qb AAO86541.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779341 qb AAO86537.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779337 qb AAO86535.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779321 qb AAO86527.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779315 qb AAO86524.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 30841412 qb AAP34684.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 30841408 qb AAP34682.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 30841400 qb AAP34678.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 30841396 qb AAP34676.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 30841394 qb AAP34675.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 30841388 qb AAP34672.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 20147024 qb AAM09942.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 20147022 qb AAM09941.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 20147020 qb AAM09940.1 	polyprotein [Hepatitis C virus] >g...	42.4	0.003
qi 20147018 qb AAM09939.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 20147012 qb AAM09936.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 20147010 qb AAM09935.1 	polyprotein [Hepatitis C virus]	42.4	0.003

qi 20147008 qb AAM09934.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 20147006 qb AAM09933.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 20147004 qb AAM09932.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 20146976 qb AAM09918.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 20146960 qb AAM09910.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 20146958 qb AAM09909.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 22135568 qb AAM93264.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 23268549 qb AAN16431.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 23268547 qb AAN16430.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 23268543 qb AAN16428.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 23268541 qb AAN16427.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 23268539 qb AAN16426.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 23268535 qb AAN16424.1 	polyprotein [Hepatitis C virus] >g...	42.4	0.003
qi 23268525 qb AAN16419.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 23268523 qb AAN16418.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 23268521 qb AAN16417.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 23268517 qb AAN16415.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 19744466 qb AAL96506.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 19744464 qb AAL96505.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 19744460 qb AAL96503.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 19744458 qb AAL96502.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 19744450 qb AAL96498.1 	polyprotein [Hepatitis C virus] >g...	42.4	0.003
qi 19744448 qb AAL96497.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 19744434 qb AAL96490.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 32401064 qb AAP80735.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 32401062 qb AAP80734.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 32401060 qb AAP80733.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 42411857 qb AAS15453.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 42411853 qb AAS15451.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 42411519 qb AAS15284.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 42411517 qb AAS15283.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 42411511 qb AAS15280.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 42411505 qb AAS15277.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 42411499 qb AAS15274.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 42411481 qb AAS15265.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62132091 qb AAX68869.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 443901 emb CAA82607.1 	unnamed protein product [Hepatitis ...	42.4	0.003
qi 443899 emb CAA82606.1 	unnamed protein product [Hepatitis ...	42.4	0.003
qi 443897 emb CAA82605.1 	unnamed protein product [Hepatitis ...	42.4	0.003
qi 443893 emb CAA82603.1 	unnamed protein product [Hepatitis ...	42.4	0.003
qi 443889 emb CAA82601.1 	unnamed protein product [Hepatitis ...	42.4	0.003
qi 443887 emb CAA82600.1 	unnamed protein product [Hepatitis ...	42.4	0.003
qi 443885 emb CAA82599.1 	unnamed protein product [Hepatitis ...	42.4	0.003
qi 996047 emb CAA62759.1 	capsid protein [Hepatitis C virus type	42.4	0.003
qi 996042 emb CAA62680.1 	capsid protein [Hepatitis C virus type	42.4	0.003
qi 996053 emb CAA62674.1 	capsid protein [Hepatitis C virus type	42.4	0.003
qi 996038 emb CAA62673.1 	capsid protein [Hepatitis C virus type	42.4	0.003
qi 30090046 qb AAP21076.1 	capsid protein [Hepatitis C virus]	42.4	0.003
qi 30090045 qb AAP21075.1 	capsid protein [Hepatitis C virus]	42.4	0.003
qi 30090044 qb AAP21074.1 	capsid protein [Hepatitis C virus]	42.4	0.003
qi 52367249 qb AAU45101.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 22324793 qb AAM95640.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 22038174 qb AAM90309.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 2599512 qb AAB84147.1 	core protein [Hepatitis C virus type 4	42.4	0.003
qi 18958556 qb AAL82645.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 18958554 qb AAL82644.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 18958552 qb AAL82643.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 18958548 qb AAL82641.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 18958546 qb AAL82640.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 18958544 qb AAL82639.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 67482736 qb AAY68014.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 67482734 qb AAY68013.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 67482732 qb AAY68012.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 67482724 qb AAY68008.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 67482710 qb AAY68001.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 1176429 qb AAB35341.1 	putative core protein [hepatitis C ...	42.4	0.003
qi 50727013 qb AAR12108.2 	polyprotein [Hepatitis C virus]	42.4	0.003

qi 50727011 qb AAR12099.2 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 50727009 qb AAR12097.2 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 61223084 qb AAx40650.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 67811042 qb AAy82071.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 67811040 qb AAy82070.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 67811030 qb AAy82065.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 56124314 qb AAV75957.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 56124246 qb AAV75923.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 56124132 qb AAV75866.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 56124128 qb AAV75864.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 7650266 qb AAF65964.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 7650244 qb AAF65953.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 5918959 qb AAD56195.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 5918957 qb AAD56194.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 21670909 dbj BAC02464.1 	polyprotein [Hepatitis C virus type	42.4	0.003
qi 21670873 dbj BAC02446.1 	polyprotein [Hepatitis C virus type	42.4	0.003
qi 14161283 qb AAK54689.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 14161281 qb AAK54688.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 38489510 qb AAR21440.1 	polyprotein [Hepatitis C virus] >g...	42.4	0.003
qi 1066606 qb AAC42187.1 	core protein	42.4	0.003
qi 1066572 qb AAC42170.1 	core protein	42.4	0.003
qi 2895899 qb AAC03058.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 45160632 qb AAS55376.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160630 qb AAS55375.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160628 qb AAS55374.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160626 qb AAS55373.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160624 qb AAS55372.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160604 qb AAS55362.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160602 qb AAS55361.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160596 qb AAS55358.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160588 qb AAS55354.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160580 qb AAS55350.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160570 qb AAS55345.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160566 qb AAS55343.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160564 qb AAS55342.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160552 qb AAS55336.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160548 qb AAS55334.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160542 qb AAS55331.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160528 qb AAS55324.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160514 qb AAS55317.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160504 qb AAS55312.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160494 qb AAS55307.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160492 qb AAS55306.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 45160484 qb AAS55302.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160458 qb AAS55289.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160456 qb AAS55288.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160454 qb AAS55287.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160452 qb AAS55286.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160438 qb AAS55279.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160416 qb AAS55268.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160408 qb AAS55264.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160398 qb AAS55259.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160392 qb AAS55256.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 45160390 qb AAS55255.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 1930120 qb AAB51539.1 	nucleocapsid protein [Hepatitis C viru	42.4	0.003
qi 1930118 qb AAB51538.1 	nucleocapsid protein [Hepatitis C viru	42.4	0.003
qi 974349 qb AAB40039.1 	core protein [Hepatitis C virus type 4]	42.4	0.003
qi 974345 qb AAB40037.1 	core protein [Hepatitis C virus type 5]	42.4	0.003
qi 1369771 qb AAB02117.1 	core protein	42.4	0.003
qi 1322344 qb AAB00215.1 	core protein	42.4	0.003
qi 320212 pir PQ0393	genome polyprotein - hepatitis C virus ...	42.4	0.003
qi 540812 pir PC2061	genome polyprotein N2 - hepatitis C vir...	42.4	0.003
qi 540811 pir PC2060	genome polyprotein N1 - hepatitis C virus	42.4	0.003
qi 1181883 qb AAA86931.1 	polyprotein	42.4	0.003
qi 1181881 qb AAA86930.1 	polyprotein >qi 1181879 qb AAA86929...	42.4	0.003
qi 1181859 qb AAA86919.1 	polyprotein	42.4	0.003
qi 1181857 qb AAA86918.1 	polyprotein	42.4	0.003

qi 1181855 qb AAA86917.1 	polyprotein	42.4	0.003
qi 40795715 qb AAR91569.1 	core protein [Hepatitis C virus ty...	42.4	0.003
qi 9956911 qb AAG09127.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 9956907 qb AAG09125.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 9956901 qb AAG09122.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 471119 dbj BAA03255.1 	polyprotein precursor [Hepatitis C vir	42.4	0.003
qi 471118 dbj BAA03253.1 	polyprotein precursor [Hepatitis C vir	42.4	0.003
qi 471114 dbj BAA03251.1 	polyprotein precursor [Hepatitis C vir	42.4	0.003
qi 2943784 dbj BAA25076.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 2580421 dbj BAA23132.1 	polyprotein [Hepatitis C virus]	42.4	0.003
qi 1009265 dbj BAA07093.1 	core, env and part of E2/NS1 [Hepatit	42.4	0.003
qi 1197155 dbj BAA08592.1 	core, env, and part of E2/NS1 [Hepati	42.4	0.003
qi 1197125 dbj BAA08587.1 	core, env, and part of E2/NS1 [Hepati	42.4	0.003
qi 1197163 dbj BAA08586.1 	core, env, and part of E2/NS1 [Hepati	42.4	0.003
qi 1197115 dbj BAA08584.1 	core, env, and part of E2/NS1 [Hepati	42.4	0.003
qi 1197111 dbj BAA08583.1 	core, env, and part of E2/NS1 [Hepati	42.4	0.003
qi 1197103 dbj BAA08581.1 	core, env, and part of E2/NS1 [Hepati	42.4	0.003
qi 471117 dbj BAA01728.1 	polyprotein precursor [Hepatitis C vir	42.4	0.003
qi 475879 dbj BAA04042.1 	core, env, and part of E2/NS1 [Hepatiti	42.4	0.003
qi 475875 dbj BAA04040.1 	core, env, and part of E2/NS1 [Hepatiti	42.4	0.003
qi 475871 dbj BAA04038.1 	core, env, and part of E2/NS1 [Hepatiti	42.4	0.003
qi 475867 dbj BAA04036.1 	core, env, and part of E2/NS1 [Hepatiti	42.4	0.003
qi 475863 dbj BAA04034.1 	core, env, and part of E2/NS1 [Hepatiti	42.4	0.003
qi 485801 dbj BAA06283.1 	polyprotein precursor [Hepatitis C vir	42.4	0.003
qi 532465 qb AAA21079.1 	polyprotein	42.4	0.003
qi 532463 qb AAA21078.1 	polyprotein	42.4	0.003
qi 532461 qb AAA21077.1 	polyprotein	42.4	0.003
qi 532457 qb AAA21075.1 	polyprotein	42.4	0.003
qi 532455 qb AAA21074.1 	polyprotein	42.4	0.003
qi 532419 qb AAA21056.1 	polyprotein	42.4	0.003
qi 532409 qb AAA21051.1 	polyprotein	42.4	0.003
qi 532405 qb AAA21049.1 	polyprotein	42.4	0.003
qi 532401 qb AAA21047.1 	polyprotein	42.4	0.003
qi 532371 qb AAA21032.1 	polyprotein	42.4	0.003
qi 532369 qb AAA21031.1 	polyprotein	42.4	0.003
qi 62722731 qb AAX94667.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722729 qb AAX94666.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722727 qb AAX94665.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722725 qb AAX94664.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722723 qb AAX94663.1 	core protein [Hepatitis C virus] >...	42.4	0.003
qi 62722721 qb AAX94662.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722715 qb AAX94659.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722713 qb AAX94658.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722711 qb AAX94657.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722707 qb AAX94655.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722703 qb AAX94653.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722701 qb AAX94652.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722687 qb AAX94645.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722675 qb AAX94639.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722671 qb AAX94637.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722665 qb AAX94634.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722663 qb AAX94633.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722657 qb AAX94630.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 62722649 qb AAX94626.1 	core protein [Hepatitis C virus]	42.4	0.003
qi 37779397 qb AAO86565.1 	core protein [Hepatitis C virus]	42.0	0.004
qi 37779335 qb AAO86534.1 	core protein [Hepatitis C virus]	42.0	0.004
qi 23268537 qb AAN16425.1 	polyprotein [Hepatitis C virus]	42.0	0.004
qi 19744432 qb AAL96489.1 	polyprotein [Hepatitis C virus]	42.0	0.004
qi 443891 emb CAA82602.1 	unnamed protein product [Hepatitis ...	42.0	0.004
qi 973382 qb AAA75069.1 	core protein [Hepatitis C virus]	42.0	0.004
qi 973372 qb AAA75064.1 	core protein [Hepatitis C virus]	42.0	0.004
qi 67482726 qb AAV68009.1 	core protein [Hepatitis C virus]	42.0	0.004
qi 56124356 qb AAV75978.1 	core protein [Hepatitis C virus]	42.0	0.004
qi 56124134 qb AAV75867.1 	core protein [Hepatitis C virus]	42.0	0.004
qi 471113 dbj BAA03257.1 	polyprotein precursor [Hepatitis C vir	42.0	0.004
qi 1197107 dbj BAA08582.1 	core, env, and part of E2/NS1 [Hepati	42.0	0.004
qi 1183031 dbj BAA09891.1 	polyprotein [Hepatitis C virus]	42.0	0.004

qi 37779323 qb AAO86528.1 	core protein [Hepatitis C virus]	41.6	0.005
qi 3550759 dbj BAA32664.1 	polyprotein [Hepatitis C virus]	41.6	0.005
qi 7329211 qb AAF59945.1 	polyprotein [Hepatitis C virus]	41.6	0.005
qi 33413921 qb AAP55686.1 	polyprotein [Hepatitis C virus]	41.6	0.005
qi 33413919 qb AAP55685.1 	polyprotein [Hepatitis C virus]	41.6	0.005
qi 1009255 dbj BAA07088.1 	polyprotein [Hepatitis C virus]	41.6	0.005
qi 37961928 qb AAP69953.1 	polyprotein [Hepatitis C virus]	41.6	0.005
qi 20146982 qb AAM09921.1 	polyprotein [Hepatitis C virus]	41.2	0.006
qi 443911 emb CAA82612.1 	unnamed protein product [Hepatitis ...	41.2	0.006
qi 56124188 qb AAV75894.1 	core protein [Hepatitis C virus]	41.2	0.006
qi 56124172 qb AAV75886.1 	core protein [Hepatitis C virus] >...	41.2	0.006
qi 1480853 qb AAB88631.1 	polyprotein	41.2	0.006
qi 1480851 qb AAB88630.1 	polyprotein	41.2	0.006
qi 62722673 qb AAX94638.1 	core protein [Hepatitis C virus]	41.2	0.006
qi 1009251 dbj BAA07086.1 	polyprotein [Hepatitis C virus]	40.8	0.008
qi 558521 dbj BAA06044.1 	polyprotein [Hepatitis C virus]	40.8	0.008
qi 37779381 qb AAO86557.1 	core protein [Hepatitis C virus]	40.8	0.008
qi 20146972 qb AAM09916.1 	polyprotein [Hepatitis C virus]	40.8	0.008
qi 20146956 qb AAM09908.1 	polyprotein [Hepatitis C virus]	40.8	0.008
qi 20146954 qb AAM09907.1 	polyprotein [Hepatitis C virus] >g...	40.8	0.008
qi 2462304 emb CAA73640.1 	polyprotein [Hepatitis C virus type 5	40.8	0.008
qi 44885924 dbj BAD11954.1 	polyprotein [Hepatitis C virus type	40.8	0.008
qi 56783349 emb CAG77588.1 	core protein [Hepatitis C virus]	40.8	0.008
qi 9864800 qb AAB32182.2 	putative core protein [Hepatitis C vir	40.8	0.008
qi 56124300 qb AAV75950.1 	core protein [Hepatitis C virus]	40.8	0.008
qi 7650248 qb AAF65955.1 	polyprotein [Hepatitis C virus]	40.8	0.008
qi 7341103 qb AAF61205.1 	polyprotein [Hepatitis C virus]	40.8	0.008
qi 27544244 dbj BAC54896.1 	polyprotein [Hepatitis C virus]	40.8	0.008
qi 27531310 dbj BAC54267.1 	poly protein [Hepatitis C virus type	40.8	0.008
qi 21670941 dbj BAC02480.1 	polyprotein [Hepatitis C virus type	40.8	0.008
qi 21670931 dbj BAC02475.1 	polyprotein [Hepatitis C virus type	40.8	0.008
qi 21670881 dbj BAC02450.1 	polyprotein [Hepatitis C virus type	40.8	0.008
qi 21670877 dbj BAC02448.1 	polyprotein [Hepatitis C virus type	40.8	0.008
qi 21670855 dbj BAC02437.1 	polyprotein [Hepatitis C virus type	40.8	0.008
qi 11559469 dbj BAB18814.1 	polyprotein [Hepatitis C virus]	40.8	0.008
qi 38489528 qb AAR21449.1 	polyprotein [Hepatitis C virus] >g...	40.8	0.008
qi 7444402 pir JC5620	genome polyprotein - hepatitis C virus (i	40.8	0.008
qi 1930116 qb AAB51537.1 	nucleocapsid protein [Hepatitis C viru	40.8	0.008
qi 9956899 qb AAG09121.1 	polyprotein [Hepatitis C virus]	40.8	0.008
qi 1944376 dbj BAA19625.1 	unnamed protein product [Hepatitis C	40.8	0.008
qi 532439 qb AAA21066.1 	polyprotein	40.8	0.008
qi 532383 qb AAA21038.1 	polyprotein	40.8	0.008
qi 130466 sp P26660 POLG HCVJ6	Genome polyprotein [Contains: ...	40.4	0.011
qi 38492205 qb AAR22408.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 30841404 qb AAP34680.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 30841366 qb AAP34661.1 	core protein [Hepatitis C virus] >...	40.4	0.011
qi 30841364 qb AAP34660.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 30841360 qb AAP34658.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 30841352 qb AAP34654.1 	core protein [Hepatitis C virus] >...	40.4	0.011
qi 30841346 qb AAP34651.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 30841342 qb AAP34649.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 29691498 qb AAO89512.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 6010588 qb AAF01182.1 	polyprotein [synthetic construct] >...	40.4	0.011
qi 6010586 qb AAF01181.1 	polyprotein [synthetic construct] >...	40.4	0.011
qi 42411861 qb AAS15455.1 	core protein [Hepatitis C virus] >...	40.4	0.011
qi 42411475 qb AAS15262.1 	core protein [Hepatitis C virus] >...	40.4	0.011
qi 42411459 qb AAS15254.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 42411427 qb AAS15238.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 42411421 qb AAS15235.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 42411415 qb AAS15232.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 42411413 qb AAS15231.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 42411409 qb AAS15229.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 42411397 qb AAS15223.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 62132061 qb AAX68854.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 2252490 emb CAA72338.1 	HCV polyprotein [Hepatitis C virus ty	40.4	0.011
qi 2764398 emb CAA03854.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 50365966 qb AAT76284.1 	polyprotein [Hepatitis C virus]	40.4	0.011

qi 9864799 qb AAB32183.2 	putative core protein [Hepatitis C vir	40.4	0.011
qi 67811002 qb AAAY82051.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 67810855 qb AAAY82015.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 67810853 qb AAAY82014.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 67810851 qb AAAY82013.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 67810849 qb AAAY82012.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 56124320 qb AAV75960.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124256 qb AAV75928.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124230 qb AAV75915.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124228 qb AAV75914.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124226 qb AAV75913.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124224 qb AAV75912.1 	core protein [Hepatitis C virus]	>... 40.4	0.011
qi 56124218 qb AAV75909.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124214 qb AAV75907.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124210 qb AAV75905.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124208 qb AAV75904.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124206 qb AAV75903.1 	core protein [Hepatitis C virus]	>... 40.4	0.011
qi 56124204 qb AAV75902.1 	core protein [Hepatitis C virus]	>... 40.4	0.011
qi 56124202 qb AAV75901.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124198 qb AAV75899.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124196 qb AAV75898.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124190 qb AAV75895.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124186 qb AAV75893.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124182 qb AAV75891.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124146 qb AAV75873.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124088 qb AAV75844.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 56124086 qb AAV75843.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 7650260 qb AAF65961.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 7650256 qb AAF65959.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 7417024 qb AAF62412.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 7417022 qb AAF62411.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 7329209 qb AAF59944.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 7329201 qb AAF59940.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 7110396 qb AAF36920.1 	polyprotein [Hepatitis C virus type...	40.4	0.011
qi 6979730 qb AAF34618.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 6979724 qb AAF34615.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 6707280 qb AAF25610.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 6468045 qb AAF13294.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 5918963 qb AAD56197.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 5918961 qb AAD56196.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 6010580 qb AAF01178.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 130465 sp P27960 POLG HCVJ5	Genome polyprotein [Contains: ...	40.4	0.011
qi 66735436 qb AAAY53900.1 	core protein [Hepatitis C virus]	>... 40.4	0.011
qi 66735428 qb AAAY53896.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 66735426 qb AAAY53895.1 	core protein [Hepatitis C virus]	>... 40.4	0.011
qi 66735422 qb AAAY53893.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 66735420 qb AAAY53892.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 66735418 qb AAAY53891.1 	core protein [Hepatitis C virus]	>... 40.4	0.011
qi 38489492 qb AAR21431.1 	polyprotein [Hepatitis C virus]	>g... 40.4	0.011
qi 1066620 qb AAC42194.1 	core protein	40.4	0.011
qi 1066612 qb AAC42190.1 	core protein	40.4	0.011
qi 1066608 qb AAC42188.1 	core protein	40.4	0.011
qi 45160578 qb AAS55349.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 45160576 qb AAS55348.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 45160556 qb AAS55338.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 45160426 qb AAS55273.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 45160406 qb AAS55263.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 45160376 qb AAS55248.1 	core protein [Hepatitis C virus]	40.4	0.011
qi 40795729 qb AAR91576.1 	core protein [Hepatitis C virus type	40.4	0.011
qi 40795689 qb AAR91556.1 	core protein [Hepatitis C virus type	40.4	0.011
qi 6730995 dbj BAA89816.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 13122270 dbj BAB32876.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 13122268 dbj BAB32875.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 13122266 dbj BAB32874.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 13122264 dbj BAB32873.1 	polyprotein [Hepatitis C virus]	40.4	0.011
qi 18148504 dbj BAB83288.1 	core protein [Hepatitis C virus]	... 40.4	0.011
qi 18148494 dbj BAB83283.1 	core protein [Hepatitis C virus]	40.4	0.011

gi 18148478 dbj BAB83275.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 18148476 dbj BAB83274.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 18148466 dbj BAB83269.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 18148462 dbj BAB83267.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 18148695 dbj BAB83379.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 18148683 dbj BAB83373.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 18148675 dbj BAB83369.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 474978 dbj BAA03730.1 	polyprotein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 1009267 dbj BAA07094.1 	core, env, and part of E2/NS1 [Hepatit	<u>40.4</u>	0.011
gi 1197119 dbj BAA08585.1 	core, env, and part of E2/NS1 [Hepati	<u>40.4</u>	0.011
gi 804844 dbj BAA06748.1 	core [Hepatitis C virus]	<u>40.4</u>	0.011
gi 804824 dbj BAA06742.1 	core [Hepatitis C virus]	<u>40.4</u>	0.011
gi 464178 dbj BAA03581.1 	polyprotein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 938025 dbj BAA02882.1 	core protein [Hepatitis C virus] >g...	<u>40.4</u>	0.011
gi 780115 dbj BAA05399.1 	polyprotein precursor [Hepatitis C vir	<u>40.4</u>	0.011
gi 93951 pir JQ0881	genome polyprotein - hepatitis C virus (str	<u>40.4</u>	0.011
gi 532441 qb AAA21067.1 	polyprotein	<u>40.4</u>	0.011
gi 532437 qb AAA21065.1 	polyprotein	<u>40.4</u>	0.011
gi 62722739 qb AAX94671.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 62722733 qb AAX94668.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 62722705 qb AAX94654.1 	core protein [Hepatitis C virus]	<u>40.4</u>	0.011
gi 4753721 emb CAB41951.1 	polyprotein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 4753719 emb CAB41950.1 	polyprotein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 22324791 qb AAM95639.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 22212866 qb AAM94419.1 	polyprotein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51862061 qb AAU11693.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51862054 qb AAU11692.1 	core protein [Hepatitis C virus] >...	<u>40.0</u>	0.014
gi 51862039 qb AAU11690.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51861979 qb AAU11683.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51861971 qb AAU11682.1 	core protein [Hepatitis C virus] >...	<u>40.0</u>	0.014
gi 51861956 qb AAU11680.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51861941 qb AAU11678.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51861820 qb AAU11662.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51861813 qb AAU11661.1 	core protein [Hepatitis C virus] >...	<u>40.0</u>	0.014
gi 51861806 qb AAU11660.1 	core protein [Hepatitis C virus] >...	<u>40.0</u>	0.014
gi 51861784 qb AAU11657.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51861776 qb AAU11656.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51861760 qb AAU11655.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014
gi 51861753 qb AAU11654.1 	core protein [Hepatitis C virus] >...	<u>40.0</u>	0.014
gi 51861694 qb AAU11647.1 	core protein [Hepatitis C virus]	<u>40.0</u>	0.014

Alignments

Get selected sequences

Select all

Deselect all

> [gi|20146970|gb|AAM09915.1|](#) polyprotein [Hepatitis C virus]
Length=115

Score = 45.8 bits (107), Expect = 3e-04

Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 86 103

> [gi|19744446|gb|AAL96496.1|](#) polyprotein [Hepatitis C virus]
Length=115

Score = 45.8 bits (107), Expect = 3e-04

Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 86 103

> gi|2326455|emb|CAA72801.1| polyprotein [Hepatitis C virus type 6a]
Length=3018

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|44885956|dbj|BAD11970.1| polyprotein [Hepatitis C virus type 8a]
Length=117

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|44885942|dbj|BAD11963.1| polyprotein [Hepatitis C virus type 6a]
Length=117

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|44885938|dbj|BAD11961.1| polyprotein [Hepatitis C virus type 6a]
Length=117

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|44885936|dbj|BAD11960.1| polyprotein [Hepatitis C virus type 6a]
gi|44885932|dbj|BAD11958.1| polyprotein [Hepatitis C virus type 6a]
Length=117

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|44885934|dbj|BAD11959.1| polyprotein [Hepatitis C virus type 6a]
Length=117

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|3550761|dbj|BAA32665.1| polyprotein [Hepatitis C virus]
Length=3013

Score = 45.8 bits (107), Expect = 3e-04

Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|7274367|gb|AAF44741.1| core structural protein [Hepatitis C virus]
gi|7274363|gb|AAF44739.1| core structural protein [Hepatitis C virus]
Length=191

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|7274365|gb|AAF44740.1| core structural protein [Hepatitis C virus]
Length=191

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|56124348|gb|AAV75974.1| core protein [Hepatitis C virus]
gi|56124346|gb|AAV75973.1| core protein [Hepatitis C virus]
gi|56124342|gb|AAV75971.1| core protein [Hepatitis C virus]
gi|56124340|gb|AAV75970.1| core protein [Hepatitis C virus]
gi|56124338|gb|AAV75969.1| core protein [Hepatitis C virus]
gi|56124336|gb|AAV75968.1| core protein [Hepatitis C virus]
gi|56124334|gb|AAV75967.1| core protein [Hepatitis C virus]
gi|56124332|gb|AAV75966.1| core protein [Hepatitis C virus]
gi|56124328|gb|AAV75964.1| core protein [Hepatitis C virus]
gi|56124326|gb|AAV75963.1| core protein [Hepatitis C virus]
gi|56124324|gb|AAV75962.1| core protein [Hepatitis C virus]
Length=126

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|56124330|gb|AAV75965.1| core protein [Hepatitis C virus]
Length=126

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|56124322|gb|AAV75961.1| core protein [Hepatitis C virus]
Length=125

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|1066618|gb|AAC42193.1| core protein
Length=319

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|974351|gb|AAB40040.1| core protein [Hepatitis C virus]
Length=191

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|974347|gb|AAB40038.1| core protein [Hepatitis C virus type 6]
Length=191

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|1009263|dbj|BAA07092.1| core, env and part of E2/NS1 [Hepatitis C virus]
Length=414

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|1009261|dbj|BAA07091.1| core, env and part of E2/NS1 [Hepatitis C virus]
Length=414

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|1009259|dbj|BAA07090.1| core, env and part of E2/NS1 [Hepatitis C virus]
Length=414

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|1009271|dbj|BAA07271.1| core, env and part of E2/NS1 [Hepatitis C virus]
Length=414

Score = 45.8 bits (107), Expect = 3e-04

Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSRGSRPWGPNDPRR 18
Sbjct 97 114

> gi|1765887|dbj|BAA13625.1| core, env and part of E2/NS1 [Hepatitis C virus]
Length=414

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSRGSRPWGPNDPRR 18
Sbjct 97 114

> gi|1765885|dbj|BAA13624.1| core, env and part of E2/NS1 [Hepatitis C virus]
Length=414

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSRGSRPWGPNDPRR 18
Sbjct 97 114

> gi|1765877|dbj|BAA13620.1| core, env and part of E2/NS1 [Hepatitis C virus]
Length=414

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSRGSRPWGPNDPRR 18
Sbjct 97 114

> gi|1765875|dbj|BAA13619.1| core, env and part of E2/NS1 [Hepatitis C virus]
Length=414

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSRGSRPWGPNDPRR 18
Sbjct 97 114

> gi|1765873|dbj|BAA13618.1| core, env and part of E2/NS1 [Hepatitis C virus]
Length=414

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSRGSRPWGPNDPRR 18
Sbjct 97 114

> gi|1765870|dbj|BAA13616.1| core, env, and part of E2/NS1 [Hepatitis C virus]
Length=415

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSRGSRPWGPNDPRR 18
Sbjct 97 114

> gi|532381|gb|AAA21037.1| polyprotein
Length=191

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|57791994|gb|AAW56714.1| polyprotein [Hepatitis C virus type 6a]
Length=3019

Score = 45.8 bits (107), Expect = 3e-04
Identities = 18/18 (100%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97 114

> gi|56124344|gb|AAV75972.1| core protein [Hepatitis C virus]
Length=126

Score = 43.9 bits (102), Expect = 0.001
Identities = 17/17 (100%), Positives = 17/17 (100%), Gaps = 0/17 (0%)

Query 1 LLSPRGSRPHWGPNDPR 17
Sbjct 97 113

> gi|793911|gb|AAA65788.1| precursor protein
Length=319

Score = 43.1 bits (100), Expect = 0.002
Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97N..... 114

> gi|38147542|gb|AAR12079.1| polyprotein [Hepatitis C virus]
Length=317

Score = 43.1 bits (100), Expect = 0.002
Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97N..... 114

> gi|37779401|gb|AAO86567.1| core protein [Hepatitis C virus]
Length=121

Score = 43.1 bits (100), Expect = 0.002
Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97N..... 114

> gi|37779387|gb|AAO86560.1| core protein [Hepatitis C virus]
Length=121

Score = 43.1 bits (100), Expect = 0.002

Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97N..... 114

> gi|37779351|gb|AA086542.1| core protein [Hepatitis C virus]
Length=121

Score = 43.1 bits (100), Expect = 0.002
Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 97N..... 114

> gi|20146986|gb|AAM09923.1| polyprotein [Hepatitis C virus]
Length=115

Score = 43.1 bits (100), Expect = 0.002
Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 86N..... 103

> gi|20146978|gb|AAM09919.1| polyprotein [Hepatitis C virus]
Length=115

Score = 43.1 bits (100), Expect = 0.002
Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 86N..... 103

> gi|20146974|gb|AAM09917.1| polyprotein [Hepatitis C virus]
Length=115

Score = 43.1 bits (100), Expect = 0.002
Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 86N..... 103

> gi|20146968|gb|AAM09914.1| polyprotein [Hepatitis C virus]
gi|19744438|gb|AAL96492.1| polyprotein [Hepatitis C virus]
Length=115

Score = 43.1 bits (100), Expect = 0.002
Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 86N..... 103

> gi|22135572|gb|AAM93266.1| core protein [Hepatitis C virus]
Length=119

Score = 43.1 bits (100), Expect = 0.002
Identities = 17/18 (94%), Positives = 18/18 (100%), Gaps = 0/18 (0%)

Query 1 LLSPRGSRPHWGPNDPRR 18
Sbjct 92N..... 109

BLASTP 2.2.11 [Jun-05-2005]

Reference:

Altschul, Stephen F., Thomas L. Madden, Alejandro A. Schäffer, Jinghui Zhang, Zheng Zhang, Webb Miller, and David J. Lipman (1997), "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 25:3389-3402.

RID: 1121179181-28542-107958595989.BLASTQ4

Query=

(21 letters) *GCSSFIFLLALLSCLTIPHA genotype specific*

Database: All non-redundant GenBank CDS

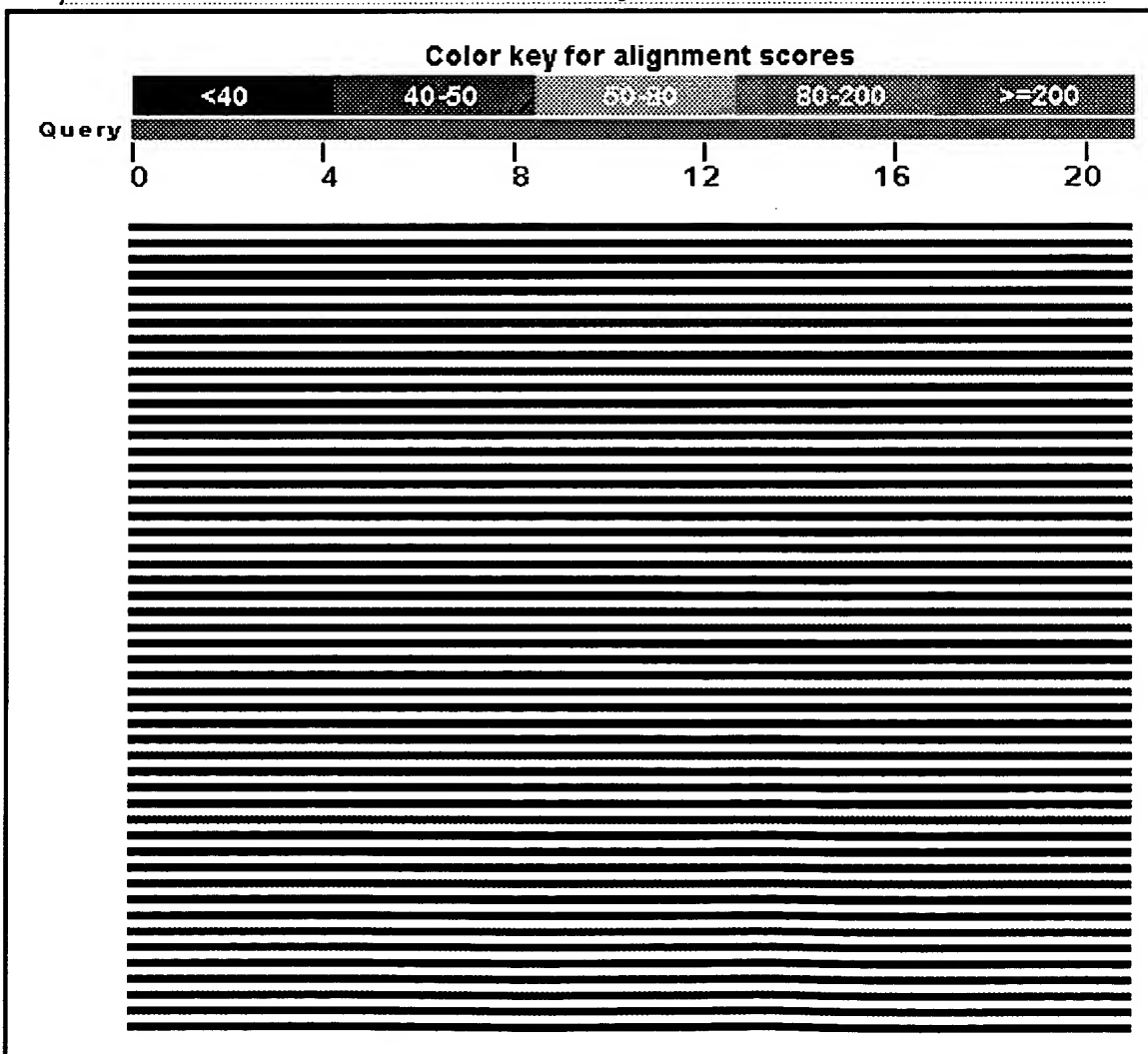
translations+PDB+SwissProt+PIR+PRF excluding environmental samples
2,662,429 sequences; 907,986,452 total letters

If you have any problems or questions with the results of this search please refer to the [BLAST FAQs](#)

Taxonomy reports

Distribution of 500 Blast Hits on the Query Sequence

Mouse over to see the define, click to show alignments



Sequences producing significant alignments:

			Score (Bits)	E Value
gi 130458 sp P26663 POLG HCVBK	Genome polyprotein [Contains: ...		45.1	5e-04
gi 54401521 qb AAV34565.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 54401517 qb AAV34563.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 54401515 qb AAV34562.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 54401513 qb AAV34561.1	polyprotein [Hepatitis C virus] >g...		45.1	5e-04
gi 2326455 emb CAA72801.1	polyprotein [Hepatitis C virus type 6		45.1	5e-04
gi 30088473 qb AAP20805.1	envelope protein [Hepatitis C virus]		45.1	5e-04
gi 52631646 qb AAU85248.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631644 qb AAU85247.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631640 qb AAU85245.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631638 qb AAU85244.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631636 qb AAU85243.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631634 qb AAU85242.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631632 qb AAU85241.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631626 qb AAU85238.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631624 qb AAU85237.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631622 qb AAU85236.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631620 qb AAU85235.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631618 qb AAU85234.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631616 qb AAU85233.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631614 qb AAU85232.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631612 qb AAU85231.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631610 qb AAU85230.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631608 qb AAU85229.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631606 qb AAU85228.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631602 qb AAU85226.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631600 qb AAU85225.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631598 qb AAU85224.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631458 qb AAU85154.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 52631456 qb AAU85153.1	core-envelope 1 protein [Hepatitis C		45.1	5e-04
gi 3550765 dbj BAA32667.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 3550763 dbj BAA32666.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 3550761 dbj BAA32665.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 50365966 qb AAT76284.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 913996 qb AAB34375.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 9864799 qb AAB32183.2	putative core protein [Hepatitis C vir		45.1	5e-04
gi 46403779 qb AAS92951.1	E1E2 region of HCV polyprotein [synth		45.1	5e-04
gi 46403777 qb AAS92950.1	E1E2 region of HCV polyprotein [sy...		45.1	5e-04
gi 46403773 qb AAS92948.1	E1E2 region of HCV polyprotein [synth		45.1	5e-04
gi 46403771 qb AAS92947.1	E1E2 region of HCV polyprotein [synth		45.1	5e-04
gi 46403769 qb AAS92946.1	E1E2 region of HCV polyprotein [synth		45.1	5e-04
gi 46403767 qb AAS92945.1	E1E2 region of HCV polyprotein [synth		45.1	5e-04
gi 62362180 qb AAX81527.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56124062 qb AAV75831.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56124000 qb AAV75800.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123918 qb AAV75759.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123914 qb AAV75757.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123912 qb AAV75756.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123910 qb AAV75755.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123908 qb AAV75754.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123906 qb AAV75753.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123904 qb AAV75752.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123902 qb AAV75751.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123900 qb AAV75750.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123898 qb AAV75749.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123892 qb AAV75746.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123890 qb AAV75745.1	polyprotein [Hepatitis C virus]		45.1	5e-04
gi 56123888 qb AAV75744.1	polyprotein [Hepatitis C virus]		45.1	5e-04

qi 56123886 qb AAV75743.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123884 qb AAV75742.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123880 qb AAV75740.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123878 qb AAV75739.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123876 qb AAV75738.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123874 qb AAV75737.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123872 qb AAV75736.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123870 qb AAV75735.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123868 qb AAV75734.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123866 qb AAV75733.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123864 qb AAV75732.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 56123860 qb AAV75730.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 7650252 qb AAF65957.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 7650248 qb AAF65955.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 7650242 qb AAF65952.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 7650238 qb AAF65950.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 7650224 qb AAF65943.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 27544244 dbj BAC54896.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 5918963 qb AAD56197.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 5918961 qb AAD56196.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 21670911 dbj BAC02465.1 	polyprotein [Hepatitis C virus type	45.1	5e-04
qi 21670895 dbj BAC02457.1 	polyprotein [Hepatitis C virus type	45.1	5e-04
qi 21670879 dbj BAC02449.1 	polyprotein [Hepatitis C virus type	45.1	5e-04
qi 21670875 dbj BAC02447.1 	polyprotein [Hepatitis C virus type	45.1	5e-04
qi 21670857 dbj BAC02438.1 	polyprotein [Hepatitis C virus type	45.1	5e-04
qi 58220846 qb AAW68050.1 	envelope protein [synthetic construct	45.1	5e-04
qi 11559443 dbj BAB18801.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 1066620 qb AAC42194.1 	core protein	45.1	5e-04
qi 1066618 qb AAC42193.1 	core protein	45.1	5e-04
qi 1066604 qb AAC42186.1 	core protein	45.1	5e-04
qi 3283982 qb AAC25417.1 	core protein [Hepatitis C virus]	45.1	5e-04
qi 1480857 qb AAB88633.1 	polyprotein	45.1	5e-04
qi 1480855 qb AAB88632.1 	polyprotein	45.1	5e-04
qi 1480853 qb AAB88631.1 	polyprotein	45.1	5e-04
qi 1480851 qb AAB88630.1 	polyprotein	45.1	5e-04
qi 1724052 qb AAB40071.1 	core protein [Hepatitis C virus]	45.1	5e-04
qi 320211 pir JH0711	genome polyprotein - hepatitis C virus ...	45.1	5e-04
qi 18148618 dbj BAB83345.1 	core protein [Hepatitis C virus] ...	45.1	5e-04
qi 18148534 dbj BAB83303.1 	core protein [Hepatitis C virus]	45.1	5e-04
qi 18148524 dbj BAB83298.1 	core protein [Hepatitis C virus]	45.1	5e-04
qi 18148514 dbj BAB83293.1 	core protein [Hepatitis C virus]	45.1	5e-04
qi 18148512 dbj BAB83292.1 	core protein [Hepatitis C virus]	45.1	5e-04
qi 18148502 dbj BAB83287.1 	core protein [Hepatitis C virus] ...	45.1	5e-04
qi 18148725 dbj BAB83394.1 	core protein [Hepatitis C virus]	45.1	5e-04
qi 1944376 dbj BAA19625.1 	unnamed protein product [Hepatitis C	45.1	5e-04
qi 1009263 dbj BAA07092.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1009261 dbj BAA07091.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1009257 dbj BAA07089.1 	core, env, and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1246377 dbj BAA09976.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 1246371 dbj BAA09974.1 	polyprotein [Hepatitis C virus]	45.1	5e-04
qi 1009271 dbj BAA07271.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 601937 dbj BAA06739.1 	core, env and part of E2/NS1 [Hepatiti	45.1	5e-04
qi 1405417 dbj BAA09919.1 	E1 and E2/NS1 envelope glycoprotein [45.1	5e-04
qi 1765891 dbj BAA13627.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1765889 dbj BAA13626.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1765885 dbj BAA13624.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1765883 dbj BAA13623.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1765879 dbj BAA13621.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1765877 dbj BAA13620.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1765875 dbj BAA13619.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 600265 dbj BAA13617.1 	core, env and part of E2/NS1 [Hepatiti	45.1	5e-04
qi 1765870 dbj BAA13616.1 	core, env, and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1765868 dbj BAA13615.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 1765866 dbj BAA13614.1 	core, env and part of E2/NS1 [Hepatit	45.1	5e-04
qi 532455 qb AAA21074.1 	polyprotein	45.1	5e-04
qi 532383 qb AAA21038.1 	polyprotein	45.1	5e-04
qi 532381 qb AAA21037.1 	polyprotein	45.1	5e-04

gi 57791994 qb AAW56714.1 	polyprotein [Hepatitis C virus type 6	45.1	5e-04
gi 52631642 qb AAU85246.1 	core-envelope 1 protein [Hepatitis C	44.3	9e-04
gi 52631630 qb AAU85240.1 	core-envelope 1 protein [Hepatitis C	44.3	9e-04
gi 52631628 qb AAU85239.1 	core-envelope 1 protein [Hepatitis C	44.3	9e-04
gi 3550759 dbj BAA32664.1 	polyprotein [Hepatitis C virus]	44.3	9e-04
gi 56123916 qb AAV75758.1 	polyprotein [Hepatitis C virus]	44.3	9e-04
gi 56123846 qb AAV75723.1 	polyprotein [Hepatitis C virus]	44.3	9e-04
gi 1009267 dbj BAA07094.1 	core, env, and part of E2/NS1 [Hepatit	44.3	9e-04
gi 1009265 dbj BAA07093.1 	core, env and part of E2/NS1 [Hepatit	44.3	9e-04
gi 1009255 dbj BAA07088.1 	polyprotein [Hepatitis C virus]	44.3	9e-04
gi 532445 qb AAA21069.1 	polyprotein	44.3	9e-04
gi 37961928 qb AAP69953.1 	polyprotein [Hepatitis C virus]	44.3	9e-04
gi 42411147 qb AAS15098.1 	core protein [Hepatitis C virus]	43.5	0.002
gi 807181 qb AAB31747.1 	polyprotein(E2, NS1, gp35, E1, core ...	43.5	0.002
gi 685059 qb AAB30839.1 	gp70=putative second envelope glycop...	43.5	0.002
gi 56123882 qb AAV75741.1 	polyprotein [Hepatitis C virus]	43.5	0.002
gi 56123862 qb AAV75731.1 	polyprotein [Hepatitis C virus]	43.5	0.002
gi 7650230 qb AAF65946.1 	polyprotein [Hepatitis C virus]	43.5	0.002
gi 5918967 qb AAD56199.1 	polyprotein [Hepatitis C virus]	43.5	0.002
gi 5918965 qb AAD56198.1 	polyprotein [Hepatitis C virus]	43.5	0.002
gi 221647 dbj BAA00594.1 	putative envelope protein [Hepatitis C	43.5	0.002
gi 21670893 dbj BAC02456.1 	polyprotein [Hepatitis C virus type	43.5	0.002
gi 21670865 dbj BAC02442.1 	polyprotein [Hepatitis C virus type	43.5	0.002
gi 11559461 dbj BAB18810.1 	polyprotein [Hepatitis C virus]	43.5	0.002
gi 974347 qb AAB40038.1 	core protein [Hepatitis C virus type 6]	43.5	0.002
gi 1009259 dbj BAA07090.1 	core, env and part of E2/NS1 [Hepatit	43.5	0.002
gi 1469844 dbj BAA06048.1 	E1 protein [Hepatitis C virus] >gi...	43.5	0.002
gi 1765887 dbj BAA13625.1 	core, env and part of E2/NS1 [Hepatit	43.5	0.002
gi 1765881 dbj BAA13622.1 	core, env and part of E2/NS1 [Hepatit	43.5	0.002
gi 1765873 dbj BAA13618.1 	core, env and part of E2/NS1 [Hepatit	43.5	0.002
gi 567060 qb AAA52748.1 	polyprotein	43.5	0.002
gi 306287 qb AAA45721.1 	putative	43.5	0.002
gi 532459 qb AAA21076.1 	polyprotein	43.5	0.002
gi 532387 qb AAA21040.1 	polyprotein	43.5	0.002
gi 643120 emb CAA58888.1 	orf [Hepatitis C virus] >gi 281308 ...	43.1	0.002
gi 464172 dbj BAA03732.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 410166 qb AAA20153.1 	structural region	43.1	0.002
gi 845494 qb AAA67838.1 	precursor protein [Hepatitis C virus...	43.1	0.002
gi 845492 qb AAA67837.1 	precursor protein [Hepatitis C virus...	43.1	0.002
gi 794179 qb AAA65782.1 	precursor protein	43.1	0.002
gi 794190 qb AAA65821.1 	precursor protein	43.1	0.002
gi 794180 qb AAA65783.1 	precursor protein	43.1	0.002
gi 38147611 qb AAR12107.1 	polyprotein [Hepatitis C virus]	43.1	0.002
gi 37964185 qb AAR06174.1 	core protein [Hepatitis C virus] >...	43.1	0.002
gi 13958007 qb AAK50756.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 13958005 qb AAK50755.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 13958003 qb AAK50754.1 	core protein [Hepatitis C virus] >...	43.1	0.002
gi 130455 sp P26664 POLG HCV1	Genome polyprotein [Contains: C...	43.1	0.002
gi 130461 sp P27958 POLG HCVH	Genome polyprotein [Contains: C...	43.1	0.002
gi 42411923 qb AAS15486.1 	core protein [Hepatitis C virus] >...	43.1	0.002
gi 42411921 qb AAS15485.1 	core protein [Hepatitis C virus] >...	43.1	0.002
gi 42411919 qb AAS15484.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411917 qb AAS15483.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411913 qb AAS15481.1 	core protein [Hepatitis C virus] >...	43.1	0.002
gi 42411903 qb AAS15476.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411901 qb AAS15475.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411893 qb AAS15471.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411889 qb AAS15469.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411883 qb AAS15466.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411879 qb AAS15464.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411841 qb AAS15445.1 	core protein [Hepatitis C virus] >...	43.1	0.002
gi 42411835 qb AAS15442.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411823 qb AAS15436.1 	core protein [Hepatitis C virus] >...	43.1	0.002
gi 42411803 qb AAS15426.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411801 qb AAS15425.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411793 qb AAS15421.1 	core protein [Hepatitis C virus]	43.1	0.002
gi 42411783 qb AAS15416.1 	core protein [Hepatitis C virus]	43.1	0.002

qi 42411781 qb AAS15415.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411741 qb AAS15395.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411733 qb AAS15391.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411731 qb AAS15390.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411725 qb AAS15387.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411723 qb AAS15386.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411719 qb AAS15384.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411717 qb AAS15383.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411713 qb AAS15381.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411707 qb AAS15378.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411701 qb AAS15375.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411699 qb AAS15374.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411683 qb AAS15366.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411675 qb AAS15362.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411659 qb AAS15354.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411655 qb AAS15352.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411651 qb AAS15350.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411633 qb AAS15341.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411619 qb AAS15334.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411571 qb AAS15310.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411565 qb AAS15307.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411541 qb AAS15295.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411475 qb AAS15262.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411467 qb AAS15258.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411463 qb AAS15256.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411459 qb AAS15254.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411457 qb AAS15253.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411431 qb AAS15240.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411429 qb AAS15239.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411427 qb AAS15238.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411423 qb AAS15236.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411417 qb AAS15233.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411415 qb AAS15232.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411413 qb AAS15231.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411411 qb AAS15230.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411403 qb AAS15226.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411397 qb AAS15223.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411391 qb AAS15220.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411379 qb AAS15214.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411359 qb AAS15204.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411293 qb AAS15171.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411277 qb AAS15163.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411263 qb AAS15156.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411249 qb AAS15149.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411229 qb AAS15139.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411191 qb AAS15120.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411139 qb AAS15094.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411119 qb AAS15084.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411115 qb AAS15082.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411107 qb AAS15078.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411099 qb AAS15074.1 	core protein [Hepatitis C virus] >...	43.1	0.002
qi 42411097 qb AAS15073.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411095 qb AAS15072.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411089 qb AAS15069.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411083 qb AAS15066.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 42411081 qb AAS15065.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 62199616 qb AAx76905.1 	core protein [Hepatitis C virus]	43.1	0.002
qi 1372958 qb AAB02127.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 23957857 qb AAD44718.2 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 794195 qb AAA65798.1 	precursor protein	43.1	0.002
qi 54401489 qb AAV34549.1 	polyprotein [Hepatitis C virus] >g...	43.1	0.002
qi 54401481 qb AAV34545.1 	polyprotein [Hepatitis C virus] >g...	43.1	0.002
qi 54401479 qb AAV34544.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 54401471 qb AAV34540.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 2252490 emb CAA72338.1 	HCV polyprotein [Hepatitis C virus ty	43.1	0.002
qi 59483 emb CAA43789.1 	JK3 [Hepatitis C virus] >qi 77118 pi...	43.1	0.002
qi 52631496 qb AAU85173.1 	core-envelope 1 protein [Hepatitis...	43.1	0.002

qi 52631494 qb AAU85172.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631492 qb AAU85171.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631490 qb AAU85170.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631488 qb AAU85169.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631484 qb AAU85167.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631482 qb AAU85166.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631480 qb AAU85165.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631478 qb AAU85164.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631476 qb AAU85163.1	core-envelope 1 protein [Hepatitis...	43.1	0.002
qi 52631474 qb AAU85162.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631472 qb AAU85161.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631470 qb AAU85160.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631468 qb AAU85159.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631464 qb AAU85157.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631454 qb AAU85152.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631452 qb AAU85151.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52631450 qb AAU85150.1	core-envelope 1 protein [Hepatitis C	43.1	0.002
qi 52367249 qb AAU45101.1	core protein [Hepatitis C virus]	43.1	0.002
qi 30141839 emb CAD89694.1	polyprotein [Hepatitis C virus type	43.1	0.002
qi 9843677 emb CAC03609.1	unnamed protein product [Hepatitis C	43.1	0.002
qi 22212866 qb AAM94419.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 58423413 emb CAI47991.1	unnamed protein product [Hepatitis C	43.1	0.002
qi 930030 emb CAA37293.1	putative envelope protein E1 and E1...	43.1	0.002
qi 59474 emb CAA37292.1	unnamed protein product [Hepatitis C vi	43.1	0.002
qi 930029 emb CAA37291.1	putative envelope protein E1 and E1...	43.1	0.002
qi 930027 emb CAA37295.1	putative envelope protein E1 and E1...	43.1	0.002
qi 21327294 qb AAM48245.1	core protein [Hepatitis C virus]	43.1	0.002
qi 64501453 qb AAU41694.1	envelope [Hepatitis C virus]	43.1	0.002
qi 64501439 qb AAU41687.1	envelope [Hepatitis C virus]	43.1	0.002
qi 64501429 qb AAU41682.1	envelope [Hepatitis C virus]	43.1	0.002
qi 64501425 qb AAU41680.1	truncated envelope [Hepatitis C vi...	43.1	0.002
qi 15422183 qb AAK95832.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 22129793 ref NP_671491.1	polyprotein [Hepatitis C virus] ...	43.1	0.002
qi 385584 qb AAB27127.1	polyprotein [Hepatitis C virus] >gi ...	43.1	0.002
qi 50235322 qb AAT69968.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67937402 qb AAU83271.1	core protein [Hepatitis C virus]	43.1	0.002
qi 67811059 qb AAU82079.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810898 qb AAU82035.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810896 qb AAU82034.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810894 qb AAU82033.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810892 qb AAU82032.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810890 qb AAU82031.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810887 qb AAU82030.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810883 qb AAU82028.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810881 qb AAU82027.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810879 qb AAU82026.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810877 qb AAU82025.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810875 qb AAU82024.1	polyprotein [Hepatitis C virus] >g...	43.1	0.002
qi 67810870 qb AAU82022.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810868 qb AAU82021.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810866 qb AAU82020.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810864 qb AAU82019.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810861 qb AAU82018.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810859 qb AAU82017.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810855 qb AAU82015.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810853 qb AAU82014.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810851 qb AAU82013.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810849 qb AAU82012.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810846 qb AAU82011.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810844 qb AAU82010.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 67810842 qb AAU82009.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 56124072 qb AAU75836.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 56123978 qb AAU75789.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 56123928 qb AAU75764.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 7650234 qb AAU65948.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 48479030 qb AAT44836.1	polyprotein [Hepatitis C virus]	43.1	0.002
qi 845500 qb AAA67841.1	precursor' protein [Hepatitis C virus...	43.1	0.002

qi 845496 qb AAA67839.1 	precursor protein [Hepatitis C virus...	43.1	0.002
qi 845490 qb AAA67836.1 	precursor protein [Hepatitis C virus...	43.1	0.002
qi 845484 qb AAA67833.1 	precursor protein [Hepatitis C virus...	43.1	0.002
qi 845476 qb AAA67829.1 	precursor protein [Hepatitis C virus...	43.1	0.002
qi 845474 qb AAA67828.1 	precursor protein [Hepatitis C virus...	43.1	0.002
qi 845470 qb AAA67826.1 	precursor protein [Hepatitis C virus...	43.1	0.002
qi 845464 qb AAA67823.1 	precursor protein [Hepatitis C virus...	43.1	0.002
qi 845434 qb AAA67808.1 	precursor protein [Hepatitis C virus...	43.1	0.002
qi 221653 dbj BAA02670.1 	polyprotein [Hepatitis C virus type 2]	43.1	0.002
qi 1469855 dbj BAA06059.1 	E1 protein [Hepatitis C virus]	43.1	0.002
qi 296898 emb CAA50610.1 	nucleocapsid protein [synthetic constr	43.1	0.002
qi 9930557 qb AAG02099.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900893 dbj BAC41284.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900891 dbj BAC41283.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900889 dbj BAC41282.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900887 dbj BAC41281.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900885 dbj BAC41280.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900883 dbj BAC41279.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900881 dbj BAC41278.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900879 dbj BAC41277.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900877 dbj BAC41276.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900875 dbj BAC41275.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900873 dbj BAC41274.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900871 dbj BAC41273.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900869 dbj BAC41272.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900867 dbj BAC41271.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900865 dbj BAC41270.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900863 dbj BAC41269.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 25900861 dbj BAC41268.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 21670867 dbj BAC02443.1 	polyprotein [Hepatitis C virus type	43.1	0.002
qi 55275810 qb AAV49743.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 55275808 qb AAV49742.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 58429140 qb AAW78019.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 14532251 qb AAK66557.1 	HCV type 1a/1b chimera mutant polypro	43.1	0.002
qi 14532249 qb AAK66556.1 	HCV type 1a/1b chimera polyprotein...	43.1	0.002
qi 8926245 qb AAF81759.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 14161281 qb AAK54688.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 2327071 qb AAB67036.1 	polyprotein [Hepatitis C virus strain	43.1	0.002
qi 58198345 qb AAW65880.1 	envelope protein [synthetic construct	43.1	0.002
qi 58198343 qb AAW65879.1 	envelope protein [synthetic construct	43.1	0.002
qi 58198341 qb AAW65878.1 	envelope protein [synthetic construct	43.1	0.002
qi 58198333 qb AAW65874.1 	envelope protein [synthetic construct	43.1	0.002
qi 58198315 qb AAW65865.1 	envelope protein [synthetic construct	43.1	0.002
qi 58198305 qb AAW65860.1 	envelope protein [synthetic construct	43.1	0.002
qi 11559459 dbj BAB18809.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 13344969 qb AAK19138.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344967 qb AAK19137.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344965 qb AAK19136.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344963 qb AAK19135.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344961 qb AAK19134.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344959 qb AAK19133.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344955 qb AAK19131.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344953 qb AAK19130.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344951 qb AAK19129.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344949 qb AAK19128.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 13344947 qb AAK19127.1 	polyprotein precursor [Hepatitis C vi	43.1	0.002
qi 1066606 qb AAC42187.1 	core protein	43.1	0.002
qi 1066558 qb AAC42163.1 	core protein	43.1	0.002
qi 482138 pir S40770	genome polyprotein - hepatitis C virus ...	43.1	0.002
qi 2327075 qb AAB67038.1 	polyprotein [Hepatitis C virus strain	43.1	0.002
qi 2327073 qb AAB67037.1 	polyprotein [Hepatitis C virus strain	43.1	0.002
qi 742039 prf 2008346A	core protein	43.1	0.002
qi 974345 qb AAB40037.1 	core protein [Hepatitis C virus type 5]	43.1	0.002
qi 1372959 qb AAB02128.1 	largest ORF	43.1	0.002
qi 1322346 qb AAB00216.1 	core protein	43.1	0.002
qi 1322338 qb AAB00212.1 	core protein	43.1	0.002
qi 540851 pir A44150	structural protein - hepatitis C virus	43.1	0.002

qi 329736 qb AAA98989.1 	capsid and envelope:x proteins	43.1	0.002
qi 1173682 qb AAA86542.1 	polyprotein >qi 1173680 qb AAA86541.1	43.1	0.002
qi 1173676 qb AAA86539.1 	polyprotein	43.1	0.002
qi 437108 qb AAA75355.1 	polyprotein	43.1	0.002
qi 474978 dbj BAA03730.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 2580421 dbj BAA23132.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 221512 dbj BAA00705.1 	structural protein [Hepatitis C virus]	43.1	0.002
qi 1304099 dbj BAA07780.1 	ORF [Hepatitis C virus]	43.1	0.002
qi 4433081 dbj BAA07779.1 	ORF [Hepatitis C virus]	43.1	0.002
qi 4433080 dbj BAA07778.1 	ORF [Hepatitis C virus]	43.1	0.002
qi 4433079 dbj BAA07777.1 	ORF [Hepatitis C virus]	43.1	0.002
qi 1197155 dbj BAA08592.1 	core, env, and part of E2/NS1 [Hepati	43.1	0.002
qi 1197107 dbj BAA08582.1 	core, env, and part of E2/NS1 [Hepati	43.1	0.002
qi 464178 dbj BAA03581.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 1183031 dbj BAA09891.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 794210 qb AAA65813.1 	precursor protein	43.1	0.002
qi 794204 qb AAA65807.1 	precursor protein	43.1	0.002
qi 794196 qb AAA65799.1 	precursor protein	43.1	0.002
qi 794192 qb AAA65795.1 	precursor protein	43.1	0.002
qi 532465 qb AAA21079.1 	polyprotein	43.1	0.002
qi 532463 qb AAA21078.1 	polyprotein	43.1	0.002
qi 532457 qb AAA21075.1 	polyprotein	43.1	0.002
qi 532391 qb AAA21042.1 	polyprotein	43.1	0.002
qi 532373 qb AAA21033.1 	polyprotein	43.1	0.002
qi 532369 qb AAA21031.1 	polyprotein	43.1	0.002
qi 37961926 qb AAP69952.1 	polyprotein [Hepatitis C virus]	43.1	0.002
qi 1136350 dbj BAA05414.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136341 dbj BAA05411.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136353 dbj BAA05415.1 	polyprotein [Hepatitis C virus] >g...	42.7	0.003
qi 266821 sp P29846 POLG HCVTW	Genome polyprotein [Contains: ...	42.7	0.003
qi 55734172 emb CAH61380.1 	envelope glycoproteins E1E2 [Hepatit	42.7	0.003
qi 54401503 qb AAV34556.1 	polyprotein [Hepatitis C virus] >g...	42.7	0.003
qi 54401495 qb AAV34552.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 54401493 qb AAV34551.1 	polyprotein [Hepatitis C virus] >g...	42.7	0.003
qi 4753721 emb CAB41951.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 4753719 emb CAB41950.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 62006147 dbj BAD91386.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136380 dbj BAA05424.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136377 dbj BAA05423.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136374 dbj BAA05422.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136371 dbj BAA05421.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136368 dbj BAA05420.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136365 dbj BAA05419.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136362 dbj BAA05418.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 1136359 dbj BAA05417.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 257080 qb AAB23552.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 807177 qb AAB31744.1 	E2, NS1(gp70, E1, polyprotein, core ...	42.7	0.003
qi 9864800 qb AAB32182.2 	putative core protein [Hepatitis C vir	42.7	0.003
qi 1176429 qb AAB35341.1 	putative core protein [hepatitis C ...	42.7	0.003
qi 19879470 qb AAL50213.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 46403765 qb AAS92944.1 	E1E2 region of HCV polyprotein [synth	42.7	0.003
qi 46403731 qb AAS92927.1 	E1E2 region of HCV polyprotein [sy...	42.7	0.003
qi 46403725 qb AAS92924.1 	E1E2 region of HCV polyprotein [sy...	42.7	0.003
qi 46403721 qb AAS92922.1 	E1E2 region of HCV polyprotein [synth	42.7	0.003
qi 19568933 qb AAL91977.1 	polyprotein [Hepatitis C virus type 1	42.7	0.003
qi 12831193 qb AAK08509.1 	polyprotein [Hepatitis C virus type 1	42.7	0.003
qi 67811065 qb AAV82082.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811061 qb AAV82080.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811057 qb AAV82078.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811055 qb AAV82077.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811052 qb AAV82076.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811050 qb AAV82075.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811048 qb AAV82074.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811046 qb AAV82073.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811044 qb AAV82072.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811042 qb AAV82071.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811040 qb AAV82070.1 	polyprotein [Hepatitis C virus]	42.7	0.003

qi 67811038 qb AAV82069.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811036 qb AAV82068.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811034 qb AAV82067.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811032 qb AAV82066.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811030 qb AAV82065.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811028 qb AAV82064.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811026 qb AAV82063.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811024 qb AAV82062.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811022 qb AAV82061.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811020 qb AAV82060.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811018 qb AAV82059.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811016 qb AAV82058.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811014 qb AAV82057.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811012 qb AAV82056.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811008 qb AAV82054.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811006 qb AAV82053.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811004 qb AAV82052.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67811002 qb AAV82051.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810998 qb AAV82049.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810996 qb AAV82048.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810986 qb AAV82043.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810984 qb AAV82042.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810982 qb AAV82041.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810980 qb AAV82040.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810974 qb AAV82037.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810972 qb AAV82036.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810840 qb AAV82008.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810838 qb AAV82007.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810836 qb AAV82006.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 67810834 qb AAV82005.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124070 qb AAV75835.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124068 qb AAV75834.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124066 qb AAV75833.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124064 qb AAV75832.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124058 qb AAV75829.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124056 qb AAV75828.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124052 qb AAV75826.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124050 qb AAV75825.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124048 qb AAV75824.1 	polyprotein [Hepatitis C virus]	42.7	0.003
qi 56124046 qb AAV75823.1 	polyprotein [Hepatitis C virus]	42.7	0.003

Alignments

Get selected sequences	Select all	Deselect all
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```
> gi|130458|sp|P26663|POLG\_HCVBK  Genome polyprotein [Contains: Core protein p19 (Capsid
      C) (p21); Envelope glycoprotein E1 (gp32) (gp35); Envelope
      glycoprotein E2 (NS1) (gp68) (gp70); p7; Protease NS2-3 (p23);
      Serine protease/NTPase/helicase NS3 (3.6.1.15) (Hepacivirin)
      (NS3P) (p70); Nonstructural protein 4A (NS4A) (p8); Nonstructural
      protein 4B (NS4B) (p27); Nonstructural protein 5A
      (NS5A) (p56); RNA-directed RNA polymerase (NS5B) (p68)]
gi|329771|qb|AAA72945.1|  [Hepatitis C virus core, matrix, envelope and non-structural
      protein RNA.], gene product
      Length=3010
```

Score = 45.1 bits (105), Expect = 5e-04
 Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

```
Query 1      GCSFSIFLLALLSCLTTPASA  21
Sbjct 171    ..... 191
```

```
> gi|54401521|gb|AAV34565.1|  polyprotein [Hepatitis C virus]
      Length=156
```

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|54401517|gb|AAV34563.1| polyprotein [Hepatitis C virus]
Length=155.

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|54401515|gb|AAV34562.1| polyprotein [Hepatitis C virus]
Length=156

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|54401513|gb|AAV34561.1| polyprotein [Hepatitis C virus]
gi|54401511|gb|AAV34560.1| polyprotein [Hepatitis C virus]
gi|54401509|gb|AAV34559.1| polyprotein [Hepatitis C virus]
gi|54401507|gb|AAV34558.1| polyprotein [Hepatitis C virus]
gi|54401505|gb|AAV34557.1| polyprotein [Hepatitis C virus]
gi|54401501|gb|AAV34555.1| polyprotein [Hepatitis C virus]
gi|54401497|gb|AAV34553.1| polyprotein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|2326455|emb|CAA72801.1| polyprotein [Hepatitis C virus type 6a]
Length=3018

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 171 191

> gi|30088473|gb|AAP20805.1| envelope protein [Hepatitis C virus]
Length=341

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 7 27

> gi|52631646|gb|AAU85248.1| core-envelope 1 protein [Hepatitis C virus]

Length=158

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631644|gb|AAU85247.1| core-envelope 1 protein [Hepatitis C virus]
Length=156

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631640|gb|AAU85245.1| core-envelope 1 protein [Hepatitis C virus]
Length=156

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631638|gb|AAU85244.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631636|gb|AAU85243.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631634|gb|AAU85242.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631632|gb|AAU85241.1| core-envelope 1 protein [Hepatitis C virus]
Length=156

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631626|gb|AAU85238.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631624|gb|AAU85237.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631622|gb|AAU85236.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631620|gb|AAU85235.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631618|gb|AAU85234.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631616|gb|AAU85233.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631614|gb|AAU85232.1| core-envelope 1 protein [Hepatitis C virus]

Length=158

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631612|gb|AAU85231.1| core-envelope 1 protein [Hepatitis C virus]
Length=156

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631610|gb|AAU85230.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631608|gb|AAU85229.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631606|gb|AAU85228.1| core-envelope 1 protein [Hepatitis C virus]
Length=156

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631602|gb|AAU85226.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631600|gb|AAU85225.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04

Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631598|gb|AAU85224.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631458|gb|AAU85154.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|52631456|gb|AAU85153.1| core-envelope 1 protein [Hepatitis C virus]
Length=158

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 4 24

> gi|3550765|dbj|BAA32667.1| polyprotein [Hepatitis C virus]
Length=3015

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 171 191

> gi|3550763|dbj|BAA32666.1| polyprotein [Hepatitis C virus]
Length=3016

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 171 191

> gi|3550761|dbj|BAA32665.1| polyprotein [Hepatitis C virus]
Length=3013

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 171 191

> gi|50365966|gb|AAT76284.1| polyprotein [Hepatitis C virus]

Length=199

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 173 193

> [gi|913996|gb|AAB34375.1|](#) polyprotein [Hepatitis C virus]
Length=337

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 171 191

> [gi|9864799|gb|AAB32183.2|](#) putative core protein [Hepatitis C virus]
Length=191

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 171 191

> [gi|46403779|gb|AAS92951.1|](#) E1E2 region of HCV polyprotein [synthetic construct]
Length=582

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 2 22

> [gi|46403777|gb|AAS92950.1|](#) E1E2 region of HCV polyprotein [synthetic construct]
[gi|46403775|gb|AAS92949.1|](#) E1E2 region of HCV polyprotein [synthetic construct]
Length=582

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 2 22

> [gi|46403773|gb|AAS92948.1|](#) E1E2 region of HCV polyprotein [synthetic construct]
Length=583

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTPASA 21
Sbjct 2 22

> [gi|46403771|gb|AAS92947.1|](#) E1E2 region of HCV polyprotein [synthetic construct]
Length=583

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTTPASA 21
Sbjct 2 22

> gi|46403769|gb|AAS92946.1| E1E2 region of HCV polyprotein [synthetic construct]
Length=583

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTTPASA 21
Sbjct 2 22

> gi|46403767|gb|AAS92945.1| E1E2 region of HCV polyprotein [synthetic construct]
Length=583

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTTPASA 21
Sbjct 2 22

> gi|62362180|gb|AA81527.1| polyprotein [Hepatitis C virus]
Length=3015

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTTPASA 21
Sbjct 171 191

> gi|56124062|gb|AAV75831.1| polyprotein [Hepatitis C virus]
Length=159

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTTPASA 21
Sbjct 13 33

> gi|56124000|gb|AAV75800.1| polyprotein [Hepatitis C virus]
Length=159

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTTPASA 21
Sbjct 13 33

> gi|56123918|gb|AAV75759.1| polyprotein [Hepatitis C virus]
Length=159

Score = 45.1 bits (105), Expect = 5e-04
Identities = 21/21 (100%), Positives = 21/21 (100%), Gaps = 0/21 (0%)

Query 1 GCSFSIFLLALLSCLTTPASA 21
Sbjct 13 33